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PHILADELPHIA, PA.

DREER'S

GARDEN BOOK

1919

EIGHTY-FIRST
ANNUAL EDITION



HENRY A. DREER
714-716 CHESTNUT ST.
PHILADELPHIA, PA.



TRADE

MARK

General Directions to Customers

PHILADELPHIA, JANUARY, 1919.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season in April and May delays are unavoidable, which, however, can be partly overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces, and pounds except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

Plant orders should be separated from Seed orders; the departments are separate, but shipments of seeds, plants, etc., are made in one parcel where it is practical to do so, or where such combination will save our customers additional charges. Further instructions regarding the forwarding of plants will be found on the first page of the Plant Department in this catalogue.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges.

For those of our customers who live at a distance from an Express Office, making it more convenient for them to receive their goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs:

To all points east of the Mississippi River, 10 per cent extra.

To all points west of the Mississippi River, 20 per cent extra.

Heavy Plants, such as Shrubs, Roses, as well as the larger sizes of Palms and other ornamental foliage and flowering plants, cannot be sent by mail.

CANADIAN SHIPMENTS.—Vegetable and Flower Seeds in packets and ounces are sent postpaid. All other goods are sent by Express or Freight, purchaser paying all charges. We can also send to Canada by Parcel Post packages weighing under 4 pounds 6 ounces. Customers wishing their orders sent in this way must remit 12 cents per pound for seeds, and 20 per cent of the value of orders for Plants, Bulbs and Roots to cover postage. Roses, Shrubs, Hardy Vines and Small Fruits cannot be sent by mail to Canada. These can only be sent by Express to permit of their being fumigated by the Canadian authorities.

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We also deliver free of charge by Package System (Baggage Master) to all points where this system is in operation such goods as will be received by them, and weighing not in excess of 50 pounds when packed.

PACKING.—No charge is made for boxes or packing on Express or Freight shipments, nor for delivery to Freight Depots or Express Offices in Philadelphia.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points within the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

REMITTANCES should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery," unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write on each order your **Name, Post Office, County and State**; also give number of Street or P. O. Box as distinctly as possible; also the **nearest Express Office**; or, if on a Stage Route, send us special directions, giving us the name of the Express Company delivering goods.

CATALOGUES.—We send our customers three catalogues annually, viz.: Garden Book in January, Midsummer Catalogue in July and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.

NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May, at which time we are overtaxed with the business which is necessarily crowded into these two months.

714-716 CHESTNUT ST.
PHILADELPHIA, PA.

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VEGETABLE SEEDS

All Vegetable Seeds are sent post-paid except where noted in catalogue and are forwarded on receipt unless instructed to the contrary.

PLANTS AND BULBS

All orders for Plants and Bulbs are forwarded on receipt. We take it for granted that anyone ordering stock out of season has facilities to take care of same. If you wish the shipping delayed, mark in the space below the time at which you wish same forwarded.



This Order To Be Shipped

[illegible]

Dreer's Garden Book

for 1919

EIGHTY-FIRST ANNUAL EDITION

FROM a small beginning eighty-one years ago, this business has developed into one of the **largest and most complete Seed, Plant and Bulb Establishments in the World.** This has been accomplished by supplying the best grade of goods obtainable and by a strict adherence to the broad principle of giving all purchasers the full worth of their money.

In no line of business is the experience which comes with the passing years of more value than in ours. But we do not base our claims for the support of the buying public merely because we have been established for nearly a century, but rather on the fact that we are at all times alive to the wants of customers, and that we have kept abreast of the times and in close touch with the Horticultural centres of the world.

At the present time we occupy three complete buildings in Philadelphia—the general offices and store located at 714 and 716 Chestnut Street, and an eight-story warehouse at 710 South Washington Square.

Our Plant and Seed Growing departments are located at Riverton, New Jersey, nine miles from Philadelphia. It comprises three Nurseries—Riverton, Riverview and Locust—with a total area of about 300 acres, all under high cultivation, and with over one hundred of the most modern greenhouses, the space covered by glass being over a half million square feet, or more than ten acres.

This short sketch is given to show that we are not merely dealers in Seeds, Plants and Bulbs, but that **we are the actual producers of a large part of the stock we offer, and as such are in a position to give better values than those who only sell what they buy from other growers.**

As is well known, many varieties of seeds, plants and bulbs are imported from Europe; and while the war may be now considered over, it will be some time yet before labor and transportation conditions become normal, and there is almost sure to be delays in the arrival of a few items.

We have also been seriously hampered for lack of help here, twenty-two of our best men having gone to the front and as many more into the war industries, and whose places it is impossible to fill at this time. Under these conditions, it will greatly aid, if our customers will send in and take delivery of their orders as early in the season as possible.

We call the special attention of our customers to the notes regarding the ordering and forwarding of Plants on page 117.

We take this opportunity of thanking our many customers for their generous patronage in the past, and to assure them that we will continue to do all in our power to merit a continuance of their confidence, **and that we aim to give every order, no matter how small or how large, prompt and careful attention.**

The offerings of the various departments will be found in this book on the following pages: For complete Index see pages 2 and 3.

	PAGES
Vegetable Seeds , New and choice sorts.....	3 to 10
“ General List.....	11 to 43
Herb Seeds , Sweet, Pot and Medicinal.....	29
Lawn Grass Mixtures	44, 45
Grass and Clover Seeds	46
Agricultural Seeds	47 to 50
Flower Seeds , Novelties and Specialties.....	52 to 62
“ General List.....	63 to 116
Vegetable Plants, Roots and Herbs	118, 119

	PAGES
Small Fruits	120, 121
Garden and Greenhouse Plants	122 to 142
Water Lilies and Aquatics	143
Roses	144 to 164
Hardy Perennial Plants	165 to 206
Hardy Climbers	207 to 211
Hedge Plants	211
Hardy Shrubs	212

Garden Requisites, Implements, Tools, etc., etc., pages 213 to 224.

INDEX

The common, popular or vulgar names included in this index have been compiled from the best American and English sources, but as two different plants often bear the same common name, it is well in ordering to use the names as given in the catalogue.

Plants or		Plants or		Plants or		Plants or		Plants or	
Seeds	Bulbs	Seeds	Bulbs	Seeds	Bulbs	Seeds	Bulbs	Seeds	Bulbs
Abelia, 63	212	Cardinal	55, 82	Geum, 87	180	Matrimony	210	Saponaria, 108	
Abutilon, 63	167	Chimber, 94	188	Gillflower, 112	180	Vine, 95	210	Satin Flower, 92	201
Acanthus, 63	167	Flower, 94	173	Glabrous, 137-139	180	Matthiola, 95		Satureia, 199	
Achillea, 63	167	Carnation, 76	202	Globe, 87	204	Meadow Beauty, 198		Saxifraga, 199	
Acrocinium, 63	206	Carolina Pink, 174	152	Amaranth, 87	178	" Rue, 203		Scabiosa, 108	200
Adam's Needle, 63	167	Caryopteris, 106	201	" Sweet, 178	201	" Sage, 199		Scarlet Sage, 107	142
Adiantum, 63	167	Castor Oil, 106	208	Globe Flower, 88	201	" Sweet, 189		Schizanthus, 109	
Aegopodium, 66, 85	122	Catchfly, 174	174	" Thistle, 88	200	Mertensia, 189		Schizophragma, 210	
African Daisy, 66, 85	122	Celastrus, 76	174	Gloxinia, 88	201	Mesembryanthemum, 95		Sea Holly, 86	178
Agapanthus, 64	167	Celosia, 77	174	Goat's Beard, 88	201	Michaelmas, 70		" Lavender, 109	202
Ageratum, 64	167	Centaurea, 78	174	Golden, 106	200	Daisies, 96	171	" Pink, 66	170
Agrostemma, 63	168	Chelone, 91	174	Golden Moss, 88	201	Mignonette, 63		Seal Flower, 177	
Ajuga, 207	168	Cherry Pie, 91	195	" Rod, 88	200	" Vine, 63	208	Sedum, 200	
Akebia, 114	122	Chinese Lantern, 122	122	Gomphrena, 88	201	Milfoil, 95	187	Sempervivum, 200	
Aloysia, 114	122	Plant, 195	122	Gourds, 88	200	Mimosa, 96	178	Sensitive	
Althea, 52, 64	168	Chinese Wool-flower, 55, 76	175	Grape Vines, 89	120	Mina, 96		Plant, 95	
Amaranthus, 64	122	Chrysanthemum, 56, 78, 174	175	Grasses, 88	181	Mirabilis, 98		Shasta Daisy, 78	174
Amaryllis, 72	122	Cimicifuga, 79	175	Grevillea, 88	180	Momordica, 96		Shell Flower, 174	
Amethyst, 72	122	Cineraria, 79	175	Ground Ivy, 180-200	180	Monarda, 189		Shortia, 200	
Amorophallus, 64	168	Clarkia, 79	175	Groundsels, 174	180	Money-wort, 189		Sidalcea, 109	201
Amsonia, 64	168	Claytonia, 168	175	Gypsophila, 57, 89	174	Monkey Flower, 96		Silene, 201	
Ampelopsis, 64	168	Clematis, 208, 209	125	Hardheads, 75	173	Monkshood, 182		Sisyrinchium, 201	
Anchusa, 65	168	Cleome, 79	125	Hare-bell, 89	182	Montbretia, 92	167	Silax, 109	
Anemone, 64	168	Chlivia, 80	125	Helenium, 90	182	Moonflower, 92	189	Snake Palm, 122	
Anthemis, 64	170	Cobaea, 80	125	Helianthemum, 90	182	Moonpenny, 78		Snake-root, 175	
Anthericum, 64	170	Cockscomb, 76	125	Helianthus, 90	182	Moonwort, 92		Snapple, 52, 65	122
Antirrhinum, 62, 65	143	Coleus, 80	169	Heliotropium, 91	183	Morning, 80, 92		Sneeze-wort, 89	182
Aquarium Plants, 143	169	Columbine, 65	169	Helopsis, 91	183	Moss Pink, 183	194	Solanum, 109	
Aquilegia, 52, 65	170	Coneflower, 107	176	Helotrope, 91	183	Mosquito Plant, 182	204	Solidago, 88	201
Arabis, 66	170	Convolvulus, 80	176	Helotrope, 91	183	Mountain Pink, 182	194	Solomon's Seal, 196	
Arctotis, 66	170	Coral Bells, 91	183	Helotrope, 91	183	Mourning, 184		Southernwood, 170	
Argemone, 66	170	Cornflower, 55, 77	174	Hibiscus, 57, 91	184	Bride, 108		Speedwell, 114	205
Aristolochia, 208	170	Coronilla, 123	176	Hollyhocks, 58, 91	184	Mullein Pink, 63	167	Spider-wort, 203	
Artemisia, 66	170	Cosmos, 56, 81	176	Honesty, 92	209	Musk Plant, 96	189	Spigelia, 202	
Asclepias, 66	170	Cowslip, 80	176	Honey-suckle, 125	209	Myosotis, 96	189	Spiraea, 201	
Asparagus, 66	170	Crane's Bill, 212	176	Hop Vine, 125	209	Nasturtium, 97		Spring Beauty, 175	
Aster, 53, 54, 67-70	171, 172	Creeping Jenny, 189	176	House Leek, 187	200	Nasturtium, 97		St. John's-wort, 185	
Aspidistra, 66	170	Crownfoot, 189	176	Houstonia, 185	200	Nelumbium, 98		Stachys, 202	
Bachelor's Button, 77, 87	171, 172	Crown Vetch, 176	176	Humble Plant, 95	210	Nemesia, 98	180, 189	Star-wort, 171	
Balloon Flower, 104	196	Cups and Saucers, 80	176	Humulus, 92	210	Nicotiana, 98		Stenanthium, 202	
Balloon Vine, 71	196	Vine, 80	176	Hunemannia, 92	210	Nigella, 98		Stevia, 109	
Balsam, 71	196	Cyclamen, 82	176	Hyacinth Bean, 85	141	None-so-pretty, 199		Stocks, 112	
Balsam Apple, 96	196	Cypress Vine, 82	176	Hyacinthus, 141	141	Nymphaea, 98	143	Stokesia, 59, 112	202
" Pear, 96	196	Daisy, 72, 172, 174, 197	176	Hydrangea, 140	210	Oenothera, 98	189	Stone-crop, 200	
Baptisia, 71	172	Dahlia, 57, 82, 126-136	176	Hypericum, 185, 212	185	Old Maid, 114		Strawberries, 121	
Barren-wort, 77	172	Datura, 82	183	Iberis, 92	185	" Man, 170		Straw Flower, 90	
Basket Flower, 77	178	Day Lily, 172	183	Ice Plant, 95	185	" Woman, 170		Sunflower, 90	182, 183
Beard-tongue, 98	195	Delphinium, 56, 83	176	Immortelle, 115	202	Olea, 141		Sun Plant, 105	
Beard's Breech, 167	189	Devil-in-the-Bush, 98	176	Impatiens, 92	202	Oswego Tea, 189		Sweet Alyssum, 64	182
Bee Balm, 189	189	Dianthus, 57, 84-85	176	Indian Pink, 84	124-125	Pachysandra, 190		" Olive, 141	
Begonia, 71	196	Dicentra, 177, 195, 202	176	Innocence, 185	185	Painted Daisy, 78	190	" Peas, 60, 61	
Bellflower, 75	173, 196	Dieltama, 83	177	Ipomoea, 92	185-187	" Leaf, 87		" Rocket, 112	
Bellis, 72	172	Digitaria, 83	177	Iris, 92	185-187	" Tongue, 108	141	" Sultan, 77	
Belvidere, 93	211	Dimorpha, 85	177	Ismene, 141	141	Palms, 141		" William, 59, 113	177, 202
Berberis, 189	189	Job's Tears, 89	177	Jacob's Ladder, 196	210	Pansy, 99	190	Sword Lily, 137-139	
Bergamot, 189	189	Joe-Pye-Weed, 177	177	Japanese Hop, 92	196	Papaver, 102, 104	190	Symphytum, 202	
Bethlehem Sage, 187	189	Joseph's Coat, 64	177	Jasmine, 141, 210	207	Pardanthus, 168		Tagetes, 113	
Beton, 202	189	Kenilworth, 201	177	Joe-Pye-Weed, 177	207	Pasque Flower, 98	195	Tassel Flower, 72	
Bignonia, 167	189	Kochia, 93	208	Kenilworth, 201	207	Pentstemon, 98	190-191	Texan Pride, 101	
Bird's Eye, 167	189	Kudzu Vine, 104	208	Kentia, 94	207	Peony, 190-191	142, 204	Thalictrum, 203	
Bishop's Hat, 173	189	Lady Slipper, 71	178	Kochia, 93	210	Periwinkle, 114	142, 204	Thermopsis, 203	
Bishop's Weed, 167	189	Lamp Flower, 178	178	Kudzu Vine, 104	210	Petunia, 58, 100	142	Thorough-wort, 86	178
Bitter Sweet Vine, 208	189	Lantana, 93	178	Lady Slipper, 71	178	Phlox, 101	192-194	Thrift, 66	170
Blackberries, 120	189	Larkspur, 83, 93	178	Lamp Flower, 178	178	Physalis, 195		Thunbergia, 113	
Blackberry Lily, 180	189	Lathyrus, 93	178	Lantana, 93	178	Physostegia, 101	195	Thymus, 203	
Blanket Flower, 87	188	Lavandula, 93	178	Larkspur, 83, 93	178	Pinks, 84-85	177-195	Tiarella, 203	
Blazing Star, 93	172	Lavender, 93	178	Lathyrus, 93	178	Plantain Lily, 179		Torch Lily, 113	204
Bleeding Heart, 172	172	Lead-wort, 177	178	Lavandula, 93	178	Platycodon, 104	196	Torenia, 113	
Bleia, 200	172	Leopard's-bane, 177	178	Eschscholtzia, 57, 86	178	Plumbago, 196		Tradescantia, 203	
Blue-bonnet, 108	185	Liatris, 93	189	Eupatorium, 86	178	Plume Poppy, 71	172	Trailing Myrtle, 204	
Blue Bottle, 77	172	Lily of the Nile, 176	178	Euphorbia, 87	178	Polemonium, 196		Tree Celandine, 71	172
Buets, 77	172	" Valley, 209	178	Evening Primrose, 98	189	Polygonum, 196		Tritoma, 204	
Bucconia, 71	172	Linaria, 94	178	Everlasting, 63, 87, 90, 106, 115	209	Polygonum, 196		Trollius, 204	
Boltonia, 72	173	Lindelia, 93	178	Evonymus, 209	209	Portulaca, 105	190	Trumpet Vine, 208	
Boston Ivy, 64	207	Linum, 93	178	Fair Maids of France, 198	198	Potilla, 196		Tuberose, 142	
Bouncing Bet, 108	208	Liver-leaf, 142	178	Fairy Lily, 142	178	Potterium, 196		Tunica, 113	204
Boussingaultia, 180	211	" Wallflower, 86	178	Flame Flower, 113	204	Pot Marigold, 73	196	Valerian, 114	204
Bowman's Root, 211	211	False Chamomile, 72	173	" Nettle, 80	185-187	Prickly Poppy, 66		Verbena, 59, 114	
Boxwood, 72	123	Flour-de-Lis, 72	173	Fleur-de-Lis, 72	185-187	Primula, 59, 105, 106	197	Veronica, 114	205
Brachycome, 72	123	Flora's Paint, 72	173	Brush, 72	185-187	Princes' Feather, 64		Vinca, 114	142, 204
Bryonia, 72	123	Flower of Love, 64	173	Floss Flower, 64	185-187	Privet, 211		Vincetoxicum, 204	
Buddleia, 198	123	Foam Flower, 167	173	Flower of Love, 64	185-187	Pueraria, 104	210	Viola, 99	205
Buttercup, 198	123	Forget-me-not, 96	173	Flower of Love, 64	185-187	Pulmonaria, 106		Violets, 96	205
Butterfly Flower, 109	123	Four-o'Clocks, 94	173	Flower of Love, 64	185-187	Pyrethrum, 197		Virginia Creeper, 207	
" Shrub, 109	123	Foxglove, 83	173	Flower of Love, 64	185-187	Quaker Lady, 106		Viscaria, 115	
" Weed, 72	123	Funkia, 177	173	Flower of Love, 64	185-187	Ragged Robin, 188		Vitis, 210	
Cacalia, 72	123	Gaillardia, 57, 87	173	Flower of Love, 64	185-187	Ranunculus, 198		Wake Robin, 203	
Caladium, 73	123	Gay Feather, 93	173	Flower of Love, 64	185-187	Raspberries, 120		Wallflower, 115	206
Calceolaria, 73	123	Gentiana, 180	180	Flower of Love, 64	185-187	Red-hot Poker, 118		Water Lilies, 98	143
Calendula, 73	123	Geranium, 87	180	Flower of Love, 64	185-187	Reseda, 96	204	Waxwork, 208	
California Poppy, 86	123			Flower of Love, 64	185-187	Rhexia, 198		Wild Cucum-ber Vine, 86	168, 169
Calliopsis, 74	123			Flower of Love, 64	185-187	Rhodanth, 106		Windflower, 64	
Caltha, 74	123			Flower of Love, 64	185-187	Ricinus, 106		Winter Savory, 199	
Campanula, 75	173			Flower of Love, 64	185-187	Rock-rose, 66	170	Wistaria, 211	
Campion, 94	167, 188			Flower of Love, 64	185-187	Rodgersia, 182		Woodbine, 208	
Canary Vine, 73	185			Flower of Love, 64	185-187	Roses, 189	144-164	Wood Lily, 203	
Candytuft, 55, 74	185			Flower of Love, 64	185-187	Rosmarinus, 184		Wound-wort, 202	
Canna, 73	124, 125			Flower of Love, 64	185-187	Rudbeckia, 107	198	Xanthoxanthum, 115	
Canterbury Bells, 52, 75	173			Flower of Love, 64	185-187	Salpiglossis, 108		Yarrow, 63	167
Cape Marigold, 73	173			Flower of Love, 64	185-187	Salvia, 59, 107, 142, 199		Youth and Old Age, 115, 116	142
				Flower of Love, 64	185-187	Santolina, 199		Yucca, 206	
				Flower of Love, 64	185-187	Sanvitalia, 107		Zephyranthes, 142	
				Flower of Love, 64	185-187			Zinnia, 62, 115, 116	142

NEW AND CHOICE VEGETABLE SEEDS



INDEX OF VEGETABLE SEEDS AND PLANTS, LAWN AND AGRICULTURAL SEEDS

Seeds Plants		Seeds Plants		Seeds Plants		Seeds Plants		Seeds Plants	
Alfalfa,	46	Cauliflower,	20	Grasses, Pasture,	46	Parsnip,	37	Sorrell,	42
Anise,	29	Celery,	22	Hop Vine,	29	Peas, Field,	49	Spearmint,	119
Artichoke,	11	Celery,	5, 8, 22	Horehound,	29	Peas, Garden,	8, 9, 10	Speltz,	50
Asparagus,	11	Chamomile,	19	Horse Radish,	50		35, 36, 37	Spinach,	41
Balm,	29	Chervil,	5, 20	Johnson Grass,	50	Pennyroyal,	29	Squash,	10, 41
Barley,	48	Chicory,	19	Kaffir Corn,	50	Pepper,	8, 9, 34	Sudan Grass,	49
Basil Sweet,	29	Chives,	45, 46	Kale,	6, 27	Peppermint,	29	Sugar Cane,	50
Beans, Garden,	4, 9, 12, 13, 14, 15	Collards,	25	Kohl Rabi,	27	Potatoes,	38	Sunflower,	
Beans, Castor	29	Coriander,	29	Leek,	6, 27	Potatoes, Sweet	119	Russian,	48
Oil,	29	Corn, Field,	47, 48	Lettuce,	7, 8, 28, 29, 119	Pumpkin,	38	Sweet Marjoram,	29
Beet,	3, 9, 16, 17	Corn, Pop,	25	Maize, Yellow,	50	Radish,	8, 10, 39, 40	Swiss Chard,	17
Beet, Field,	17	Corn, Sweet,	6, 24, 25	Milo,	50	Rape, Essex,	49	Tansy,	29
Sugar,	17	Corn Salad,	26	Mangel Wurzel,	17	Rhubarb,	40	Tariagon,	119
Bene,	29	Cress,	25	Martynia,	31	Romaine Salad,	29	Teosinte,	50
Bird Seeds,	50	Cucumber,	4, 5, 23	Melon, Musk,	7, 8, 30	Rue,	29	Thyme, Broad-	29
Borage,	29	Cumin,	29	Melon, Water,	8, 31	Ruta Baga,	43	leaf English,	119
Broccoli,	17	Dill,	29	Millet,	50	Rye,	48	Thyme, French,	29
Broom Corn,	49	Egg Plant,	6, 26	Mushroom	29	Saffron,	29	Summer,	29
Brussels Sprouts,	17	Endive,	26	Spawn,	29	Sage,	29	Tobacco,	43
Buckwheat,	48	Fennel, Florence,	6	Mustard,	31	Salsify,	40	Tomato,	9, 10, 42
Cabbage,	4, 18, 19	Fennel, Sweet,	29	Oats,	48	Savory, Summer,	29	Turnip,	43
Caraway,	29	Finocchio,	6	Okra,	33	Savory, Winter,	119	Vegetable	
Cardoon,	19	French Endive,	5	Onion,	9, 32, 33	Scorzonera,	40	Marrow,	10, 41
Carrot,	21	Garlic Sets,	33	Onion Sets,	33	Sea Kale,	27	Vetch,	49
Catnip,	29	Grasses, Lawn,	45	Parsley,	34	Soja Beans,	49	Wheat,	48
						Sorghum,	50	Witloof,	5
								Wormwood,	29

CRIMSON GLOBE BEET

This Beet is remarkable for its smooth skin and good shape. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and rather oblong in shape. The flesh and skin are both very dark and quality fine, being sweet and tender. The tops are small and dark in color. We are confident that this Beet will please all who plant it. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

EARLY MODEL BEET

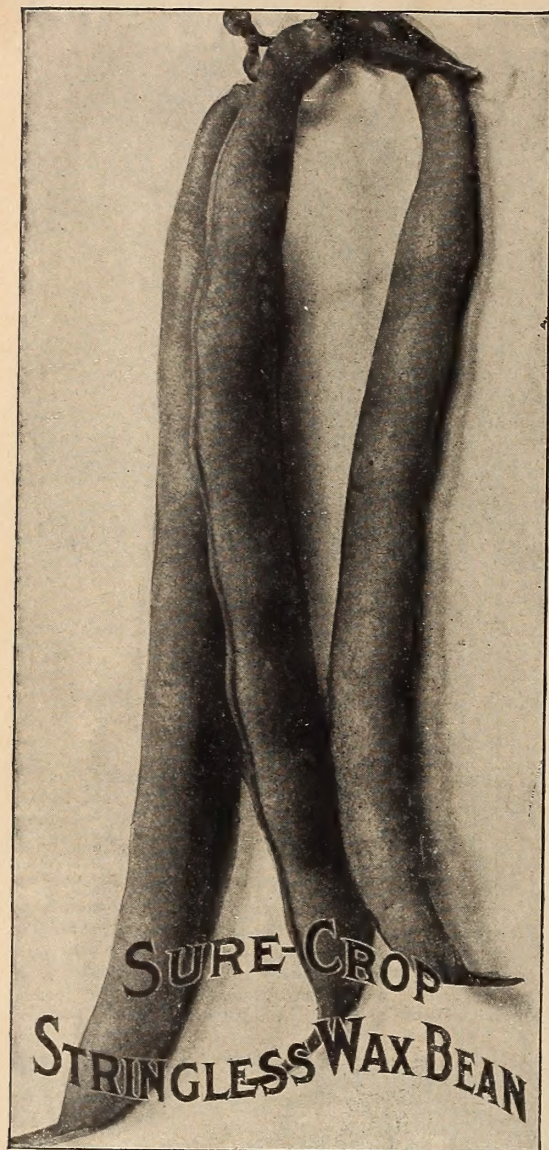
A fine selection of early blood-red Beet, extremely smooth, fine rich color and desirable shape. It is globe-shape, color of flesh a rich blood-red and of excellent quality, being sweet and tender. The tops are quite small, making it a good variety for forcing in hotbed. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

DARK-LEAVED GLOBE BEET

Asplendid type of the blood-turnip variety, the originator having in mind a Beet combining good quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive Beet. The quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



CRIMSON GLOBE BEET



SURE-CROP STRINGLESS WAX BEAN

A valuable variety of Dwarf Wax Bean, which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant, pod and bean. The plant grows to a medium size, and having a strong, thick stem, stands up well even during a long season of stormy weather, thus protecting the pods from dirt and dampness. It is very productive, bearing large, handsome golden-yellow pods in great abundance, and being hardy, the seed may be planted early. "Sure-crop" is more rust proof and will stand a longer season of damp, wet weather than any other wax bean we know of. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if wanted by Parcel Post add as stated on page 12); 10 lbs., \$4.00.

KEENEY'S STRINGLESS REFUGEE BEAN

The originator of this strain of Green-pod Refugee worked for more than twenty years to get the string out of the old Thousand-to-one Refugee Bean. The plant grows to a large size and is enormously productive, one plant having borne 56 well-developed pods and 16 small ones, and had the earlier pods been picked as soon as suitable for use this plant would doubtless have produced over 100 good pods. The shape of pod is round, size medium to long, slightly curved, medium green in color and very brittle, remaining so until nearly old enough to shell. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if wanted by Parcel Post add as stated on page 12); 10 lbs., \$3.50.

CHINESE, or CELERY CABBAGE

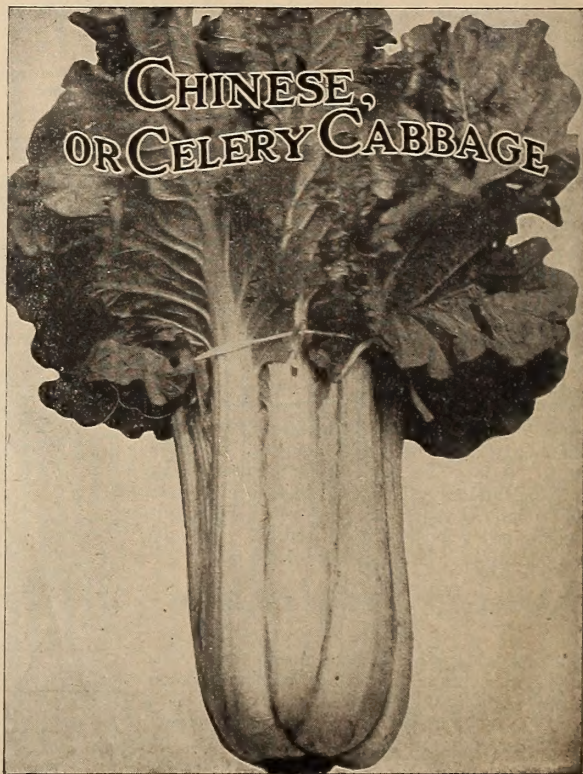
Also called Pe-Tsai, and Cut Cabbage, by Chinese gardeners and is beginning to attract attention in America. It does not form a cabbage head, but when grown to its full size resembles the Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked, and the flavor is delicious, being very mild, and it is excellent for use as a salad, or cooked like asparagus. We are quite sure that it will please all who partake of it. Sow seed after July 1st, and give plenty of room to the plants, setting in rows 3 feet apart and 2 feet apart in the row. Pkt., 10 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$2.00.

SMALL EXTRA EARLY JERSEY WAKEFIELD CABBAGE

This variety of Jersey Wakefield Cabbage is excellent for growing in the home garden as it matures earlier than the ordinary strain, and produces a firm, solid head, smaller size, but of same conical shape as the original type. It can be grown in all sections as it is very hardy, and although the heads are small, the quality is fully equal to the well-known "Jersey Wakefield." There are many occasions when the larger heading varieties of cabbage cannot be used without some waste, and in these days of needful conservation of food this small-headed variety will be found very useful for that purpose. Pkt., 15 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

DAVIS' PERFECT CUCUMBER

For a number of years this variety was controlled by the originator, who is one of the leading market gardeners in the West, and after whom the variety is named. Mr. Davis states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture, and has finally fixed a "Perfect" type, combining quality, shape, color and productiveness. The Cucumbers grow long and slim, sometimes measuring 12 inches in length; the color is a rich, dark, glossy green, which they hold until nearly ripe. It is very tender, brittle and of fine flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



EARLY FORTUNE CUCUMBER

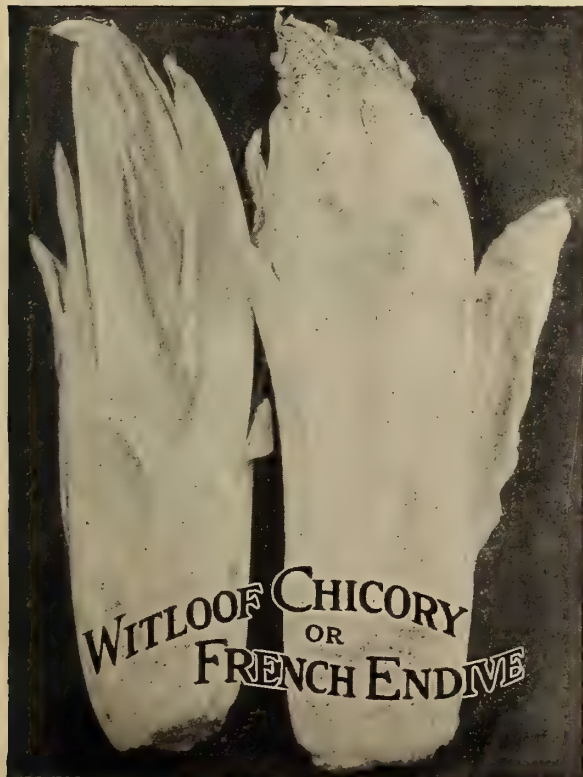
Cucumbers of the "White Spine" type are most desirable on account of their attractive appearance and good quality. This variety was originally discovered in a field of "Davis Perfect," and is now so thoroughly established that large fields do not show any variation either in plant or fruit. The Cucumbers are slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. A remarkable feature of this variety is the strong growth of the vines, which enables it to successfully withstand blight and bring the fruits to their full size and perfection, a very important quality, which will appeal to the home gardener. "Early Fortune" Cucumber is one of the best that has been introduced in years, and will take the place of many old-time strains of White Spine Cucumber. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

COLUMBIA CELERY

An exceptionally fine early variety, which for size and shape is unsurpassed. The plant is of medium height, but very stocky, foliage is a light shade of green with yellow tinge, and the stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching, which it resembles when trimmed and bunched. It matures early, and its exceedingly fine flavor and crispness will please even the most critical. This variety is suitable for the market grower as well as for growing in the home garden, as it keeps well for an early Celery and has many other good qualities. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50. For Plants see page 118.

WINTER KING CELERY

An attractive feature of this variety is that while the outer stalks are green, it naturally produces many golden hearts, which are crisp, very tender and of excellent flavor. In addition to these desirable qualities, it is one of the best of the winter-keeping Celeries, and may be allowed to remain in the trench for a long time, and will come out in first-class condition, solid and free from rot. The plants make a strong growth and are very easy to blanch, which is a decided advantage to the amateur gardener, and also a valuable feature for market growers. It would be difficult to find a better keeping Celery. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.



WITLOOF CHICORY, or FRENCH ENDIVE

During the winter this is sold by dealers in fancy fruits and vegetables as "*French Endive*," and the large demand for it has caused considerable inquiry regarding its culture. In order to grow good "Witloof" the seed should be sown during June in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, keeping free from weeds and watering if necessary. Then take up the roots and trim off the leaves to about $1\frac{1}{2}$ inches from the neck, break off any shoots which may appear on sides of root, and shorten lower end so that all will be of a uniform length of 8 to 10 inches. Then plant in a trench 16 to 18 inches deep, placing the roots upright, about $1\frac{1}{2}$ inches apart. This will leave the necks of the roots about 8 inches below the level of the ground. Fill up the trench with good, light, well-drained soil, and, if speedy growth of any portion of the crop is desired, it may be accomplished by covering with a layer of manure at least 16 inches deep. In about 4 or 5 weeks the leaves will attain their proper size, and the manure may be taken off and the roots dug up. The blanched head is the edible portion, and should be cut off, leaving a portion of the neck attached to it. Witloof is eaten raw or as a salad, and is also sometimes cooked like ordinary Endive. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.



**GOLDEN CREAM
SUGAR
CORN**

GOLDEN CREAM SUGAR CORN

A cross of Country Gentleman and Colden Bantam, taking on the character of the former variety, except in color. The ears are ready for use at an early season; grains are long and pointed, rich cream color when ready, but turn to light golden-yellow when cooked, making an attractive appearance on the table. The quality is very fine, being remarkably sweet and tender. Stalks are brownish-red, and make a healthy, rapid growth, producing from 2 to 4 ears each. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (If wanted by Parcel Post add as stated on page 24); 10 lbs., \$3.50.

GOLDEN DAWN SUGAR CORN

A few years back there was much prejudice against yellow-grained Sugar Corn, but because of their delicious quality this has been overcome. "Golden Dawn" is an extra early yellow-grained variety, but when one gets the sweet, delicious taste, the color of grain is forgotten. Stalks about 5 feet high and bear 2 and 3 ears, free from smut and filled out to the extreme tip. Pkt., 10 cts. by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If wanted by Parcel Post add as stated on page 24); 10 lbs., \$3.00.

PEEP-O'-DAY SUGAR CORN

Originating in the far North this variety is therefore extremely early in maturing. Besides this very important feature it is a "Sweet Corn" in the true sense of the word, being remarkably sweet and tender. The stalks grow about three and one-half feet high, and are unusually prolific, producing from two to five ears each, which measure about five inches in length and are well filled. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts.; (if wanted by Parcel Post add as stated on page 24); 10 lbs., \$2.50.

EARLY BLACK BEAUTY EGG-PLANT

This Egg-Plant is an improvement over the well-known New York Improved Large Purple. The plants are remarkably healthy in their growth and produce an abundance of large fruits earlier than the New York Improved. The skin is of a rich purplish-black color, making the fruit very attractive in appearance. It is also entirely spineless, and the quality is all that could be desired. Pkt., 10 cts.; $\frac{1}{4}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50. For Plants see page 118.

FINOCCHIO, or FLORENCE FENNEL

A delicious vegetable which should be more largely grown in this country. It is extensively used in Italy as a salad, and also may be served boiled. When the enlargement of leaf stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about ten days' cutting may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweet taste and delicate odor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

DREER'S IMPERIAL LONG-STANDING KALE

A beautifully curled and crimped variety which is of strong, vigorous habit, perfectly hardy, bright green color and very attractive appearance. The plant is of spreading habit of growth and the leaves are large, furnishing an abundance of greens during the fall, winter and spring. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

DREER'S PRIZETAKER LEEK

A fine large variety of Leek, which is very mild and tender. The Leeks grow very long and thick and are pure white in color. It belongs to the onion family, and the lower part of the leaves or stem blanches white and may be eaten raw, being milder than the onion. It is also used in culinary preparations. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.



FRENCH UNRIVALLED LETTUCE

A sure-heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except that the color is a lighter green and leaves are not tinged with brown. A good Lettuce to grow at any season of the year, outside in spring and summer and under glass in winter, and in either case it can be depended upon to produce a satisfactory crop. It is a splendid Lettuce for the home garden. The seed which we supply was secured from the originator in France, and is much better than the American strain of Unrivalled Lettuce, which does not always come true to type. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

DREER'S WONDERFUL LETTUCE

We were fortunate in being the introducers of this valuable variety, and the fact that many of those who purchased the seed of "Wonderful" the first time it was offered have continued to include it in their order each spring is an indication of its pleasing qualities. It has become a popular variety, particularly in the South, where it withstands extreme heat and forms perfect heads, of enormous size, which resemble cabbage in their solidity, measuring from 12 to 15 inches across and frequently weighing 2 to 3 pounds each. The quality is superb, being crisp, rich and tender, and it can be depended upon for all seasons. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

WAYAHEAD LETTUCE

This variety of head-lettuce may be grown either in the cold-frame, or sown in the open ground early in the spring and produces good heads at an early season. The outer leaves fold tightly and are light green, while the inner leaves or heart blanch yellow. It is slow to shoot seed and may be grown during the entire season. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.



NETTED ROCK MUSKMELON

During the past few years there have been a number of selections from the "Rocky Ford" Muskmelon placed upon the market, many of which were no improvement whatever on the original strain. This selection, however, is an exception, being superior in every way to all others. The Melons are about the same size as "Rocky Ford," nearly round, very slightly ridged and heavily netted. The seed cavity is small, and the flesh, which is green, is thick, solid and sweet, containing a high percentage of sugar. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

HOODOO MUSKMELON

As a Muskmelon for the private garden, this variety will surely please all who plant it. The vines make a strong and vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious Muskmelons one can imagine. The Melons are not large, but of convenient size, and present a fine appearance. The rind and flesh at blossom end are very firm, the skin is thickly netted, and the flesh a rich, deep orange color, fine grained and of remarkable sweetness. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

BUSH MUSKMELON

A very striking feature of this variety of Muskmelon is that it grows in bush form. The plant makes a vigorous growth and is very productive, bearing a large number of melons, which are of about the same size and shape as the well-known Jenny Lind, with green flesh and of a delicious flavor. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.





HONEY DEW MELON

This new Melon is unlike the ordinary muskmelon or cantaloupe both in appearance and flavor, the outer skin being smooth, hard and nearly white. The melons are large, round to oval in shape, extremely thick meated and have a very small seed cavity; flesh is light green, very solid and of a rich honey-like flavor, luscious and juicy, much more so than any variety of muskmelon. It is an excellent keeping melon and fruits may be laid away for use late in the fall when they will be greatly appreciated, not only for their delightful flavor, but because the other varieties of melons are gone. On account of the hard shell it is an excellent shipper, carrying safely for long distances without being bruised or damaged in any manner. It is suitable for growing in all places of equal latitude to Philadelphia and the West, including California, but we do not recommend it for planting in the New England States, or locations where the growing season is short. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

YELLOW ICE CREAM WATERMELON

This unique Watermelon is aptly described in a letter received from Mr. E. Stanley Brown, Horticulturist, East Moriches, N. Y., in which he writes: "After repeated trials I have no hesitancy in stating that Yellow Ice Cream is the 'par excellence' of Watermelons. The vines are strong, inclined to overbear, and whether fully grown or undeveloped, there seems to be no difference in quality, being sweet and crisp. The flesh is bright golden-yellow, skin beautiful green and shape elongated. We found that by laying them on the barn floor, away from chilly blasts, they kept well into the winter, and the last one eaten was as good as ever. The patch was found by night prowlers and this variety was nearly all taken, while others were left, showing that even in the dark the best could be selected. If I could have only one variety of Watermelon it would be Yellow Ice Cream." Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

FIVE FINE VEGETABLES

See colored plate opposite

EASY-BLANCHING CELERY

A variety of Celery with remarkable easy-blanching characteristics, so much so that even those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance any Celery grown by the professional growers, and it will be found useful both for early use and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home garden. The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it, and the ease with which it may be blanched, together with its long season for use, will strongly recommend it both to the amateur gardener as well as the commercial Celery grower. Pkt., 20 cts.; $\frac{1}{2}$ oz., \$1.25; oz., \$2.00; $\frac{1}{4}$ lb., \$6.00. For Plants see page 118.

DREER'S ALL-HEART LETTUCE

Introduced by us several years ago, this variety of head-lettuce has continually grown in the favor of both private and market gardeners and is the most reliable hard-heading lettuce ever introduced, far superior to all other varieties of cabbage-lettuce. It is adapted to both spring and summer use, as it withstands intense heat and forms magnificent heads with leaves closely set, extremely solid heart, even before it is half grown, thus furnishing the table with Lettuce throughout a long season, which is a very valuable feature. The color is a beautiful yellowish-green and the flavor is excellent, being rich and buttery. This is the best Lettuce for the private garden, as it is easily grown and makes a nice head. Pkt., 10 cts.; $\frac{1}{4}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For Plants see page 119.

POTLATCH PEA

A large-podded variety of wrinkled Pea, which is very productive and of excellent quality. The vines grow to a height of about 20 inches, and foliage is a healthy dark green color. The pods, which are borne in pairs, are long, dark green, and well filled with large Peas. Because of its great productiveness and fine quality, the "Potlatch" will surely please all who plant it. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (If wanted by Parcel Post, add as stated on page 35.) 10 lbs., \$3.50.

PIMIENTO PEPPER

The sweetest Pepper grown, as it does not contain the slightest trace of fieriness. The plants are productive and Peppers medium size and of a shape which is desirable for filling, and when prepared in this manner they are delicious. It may also be used in preparing salads and for flavoring. The flesh is quite thick and the Peppers may be scalded for peeling the skin off. When fully ripe the Peppers are a brilliant red color and very attractive. Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25. For Plants see page 119.

NEW PERFECTION RADISH

This type of Radish, having red skin with a white tip, has long been a great favorite, and with this variety the white portion extends much farther up than is the case with ordinary Scarlet Turnip White Tip Radish. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. The rapidity of its growth recommends "New Perfection" for growing in the greenhouse, but it is equally as valuable for sowing in the vegetable garden. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



NEW PERFECTION
RADISH

DREER'S ALL HEART LETTUCE

EASY-BLANCHING
CELERY

PIMIENTO PEPPER

POTLATCH PEAS



DETROIT DARK RED
BEET



DREER'S WONDER
BUSH LIMA BEAN



BONNY BEST
TOMATO

DETROIT DARK RED BEET

(See Colored Plate opposite)

This is a very choice variety of early turnip Beet. The tops make an upright growth, thus allowing of planting in close rows, which is a valuable feature where space in the garden is limited. The root is somewhat globe shape, skin blood-red and flesh rich red, zoned with a darker shade. The Beets are very sweet when cooked, and on account of its dark color it is a splendid variety for canning. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

DREER'S "WONDER"

BUSH LIMA BEAN

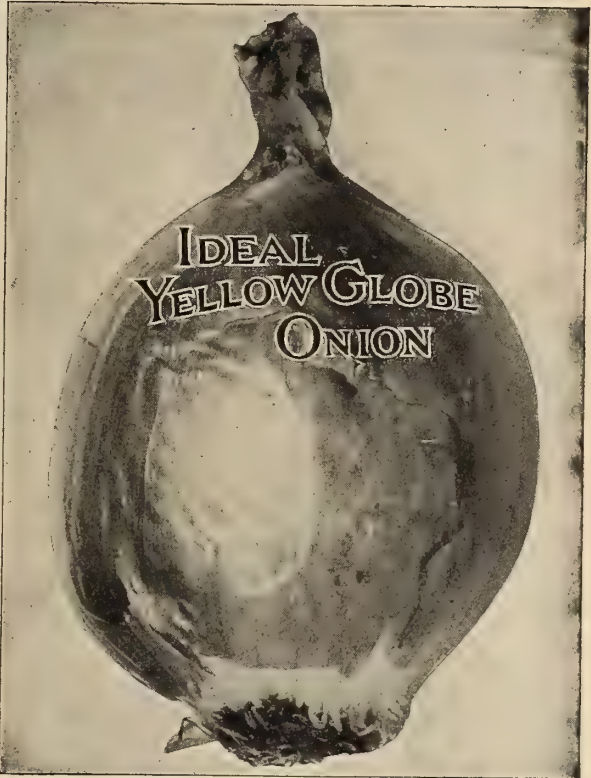
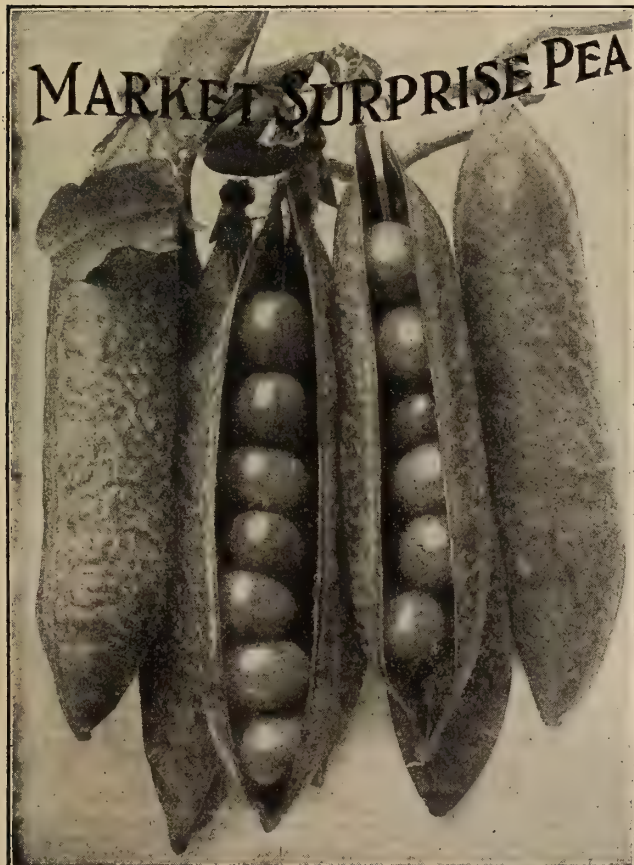
(See Colored Plate opposite)

This variety of Bush Lima Bean is very desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four beans, which are fully as large as the pole limas. The beans are flat in shape and of excellent quality. A customer writes that we can well call it "Wonder," as he planted as late as May 30, and not only had all the Lima Beans he wanted, but also supplied his neighbors with what they required. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if wanted by Parcel Post add as stated on page 12); 10 lbs., \$4.00.

BONNY BEST TOMATO

(See Colored Plate opposite)

A very attractive early variety of Tomato which is valuable for the home garden and also for forcing under glass. The fruits, which are produced in clusters, are round, somewhat flattened and ripen evenly to the stem; the color is bright scarlet, flesh firm, solid and of excellent flavor for so early and productive a variety. This Tomato is now being extensively used by leading canning concerns, who value it highly for their purpose, and we recommend it to our customers. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50. For Plants, see page 119.



IDEAL YELLOW GLOBE ONION

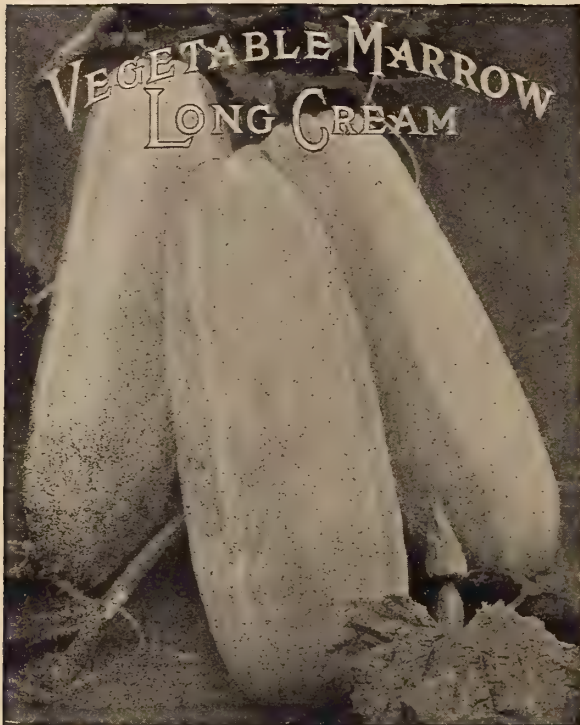
An exceedingly handsome large yellow Onion, which is the most globe shaped we have ever seen. Its general characteristics stamp it as the best main crop variety of its type, and we are pleased to offer it to our customers, feeling sure that it will fully satisfy all who desire to grow large Onions from seed. The bulbs are true globe-shape, with skin of a pleasing yellow color, flesh white and of a mild flavor. It is not the ordinary Southport Yellow Globe, but is far superior, much more productive, and we especially recommend it for planting in the home garden. Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.50.

CHINESE GIANT PEPPER

Where a mild Pepper suitable for filling is desired, this variety will answer the purpose very well. The plant makes a strong growth of both stalk and leaves, and when fully grown is about two feet high, bearing a number of large Peppers near the bottom. It is very much larger in size than "Ruby King" which variety has been a great favorite for a number of years past. The Peppers are of a bright scarlet color when fully matured and the flesh is quite thick and mild in flavor. It is an excellent variety, particularly where the growing season is long, and the plants can be set out very early in the spring. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

MARKET SURPRISE PEA

This fine early Pea was first sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the early varieties and well adapted for the use of both amateurs and market gardeners. The plant grows to a height of 30 inches, and is very thrifty, producing the pods in surprisingly large quantities. Pods are large and well filled with Peas, which are remarkably sweet and fine flavored. It matures the crop in about sixty-five days, and is excellent for early planting. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if wanted by Parcel Post add as stated on page 35); 10 lbs., \$3.50.



CRIMSON GIANT RADISH

This variety is suitable both for forcing or early planting out of doors. A remarkable feature of this Radish is that it will grow double the size of other round red forcing Radishes and still remain solid, not showing the least sign of becoming hollow. The ordinary forcing Radish, after growing to the size of two or three inches in circumference, and weighing about $\frac{1}{4}$ ounce, becomes pithy and unfit for eating, while the Crimson Giant will grow to six and seven inches in circumference, weigh about one ounce, and still remain solid and juicy, free from all signs of becoming soft. In shape this Radish is round to oval, and is very attractive. The flesh is mild and tender, and we recommend it to our customers as one of the best in its class, having found it to be such in our extensive trials of Radishes. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

EARLIEST WHITE MAY RADISH

The size, shape and early maturity of this variety are extremely desirable, particularly for those who prefer the white skin variety. It can be relied upon to produce Radishes fit for use in a remarkably short time and the season may be prolonged by beginning their use while still of a small size. It is the best selection of early white turnip-shape Radish we have ever grown and the quality is excellent, being pure white, very mild, crisp and tender. It may be grown either in the garden, or on account of its rapid growth and medium size top, it can be used as a forcing variety. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

JOHN BAER TOMATO

This variety has been offered as the earliest Tomato for home and commercial use, and in our trials we found it to mature about the same time as Spark's Earliana, which variety it resembles in size, shape and color. The vines do not grow very large, but are productive, bearing the fruits in clusters and abundantly. The Tomatoes are of a medium size, nearly round in shape, scarlet color and are of excellent flavor. On account of the large yield, desirable size and shape, this variety is suited both for early market and home use. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

DREER'S ELECTRIC

EXTRA EARLY PEA

This has been our leading variety of Extra Early Pea for years and is the best of the small, round, blue-seeded extra early sorts. The vines grow very uniform and attain a height of 2 $\frac{1}{2}$ feet, bearing an abundant crop of medium size, dark green pods, which are well filled with Peas of good flavor. It is not only valuable for early use, but is especially adapted for planting in August, when most plantings of other varieties result in failure. We consider Dreer's Electric Extra Early the most reliable Pea for planting as early in the spring as the ground can be worked, and strongly recommend it for that purpose. Pkt., 10 cts. by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post add as stated on page 35); 10 lbs., \$3.00.

LONG CREAM VEGETABLE MARROW

The fruits are oblong in shape, skin smooth and creamy white. It is a vine sort and very productive. The Marrow Squashes are largely grown in England, and should be more generally used in this country, as the quality is exceedingly delicious, far superior to the ordinary summer Squash. They grow well anywhere if a liberal supply of manure is dug into the hills and plenty of moisture supplied. When the fruits are nearly half-grown the flesh is very tender and marrowy, and may be prepared for the table either cooked in same manner as ordinary squash or fried, in which manner it is far superior to the Egg Plant. Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

DELICIOUS SQUASH

An excellent variety for use during the fall and winter months; very fine grained, dry and sweet, in fact, it would be difficult to find a variety more suited for home use; as it is a combination of all desirable qualities and is finer grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 pounds. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine-grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.





DREER'S SEEDS have been for **Eighty-one Years** a **Standard Among the Best Gardeners of this Country** for **Undoubted Purity and Excellence**

The **Cultural Directions** given in this book are for growing Vegetables in the latitude of Philadelphia. Persons living in a more Southern latitude should start earlier, while those living farther north should begin to plant later.

Hotbeds and Cold Frames should be more generally used, even by those having small gardens. The hotbed is especially valuable in the spring for starting the plants of early vegetables and many flowers, thus having them ready to set out as soon as the ground is in condition. We have prepared a leaflet on "Making and Care for Hotbeds and Cold Frames," and will gladly mail a copy to any who write for it or request it on their order.

ARTICHOKE

Artichaut, Fr.

Alcachofa, Sp.

ARTICHOKE SEED

Large Green Globe. Pkt., 25 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$5.00.

Artichoke Plants and Roots

Plants of Dreer's Selected Large Green Artichoke.

We have arranged to furnish plants of this variety, which is the best kind sold in the Paris market. They should be set out early in April, when soil is in condition, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press closely, but not plant too deep. Per doz., \$1.50; per 100, \$10.00, by express. **Ready April and May.**

Jerusalem Artichoke Roots. Distinct from the globe, and propagated by and for its tubers. Largely used for pickling and for feeding stock. Price of tubers: Qt., 30 cts.; peck, \$1.50; bushel, \$5.00.

ASPARAGUS SEED

Asperge, Fr.

Esparrago, Sp.

One ounce will produce about 200 plants; 4 to 5 pounds to the acre.

Leaflet on Asparagus Culture, giving directions for preparing the bed, planting and cultivating, also winter treatment of the plants will be mailed free to all applicants.

DREER'S Eclipse Asparagus. (See cut.) This variety is the result of a most careful selection, and "breeding up" to the large type, yet retaining that delicate light green color and tender quality desired. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

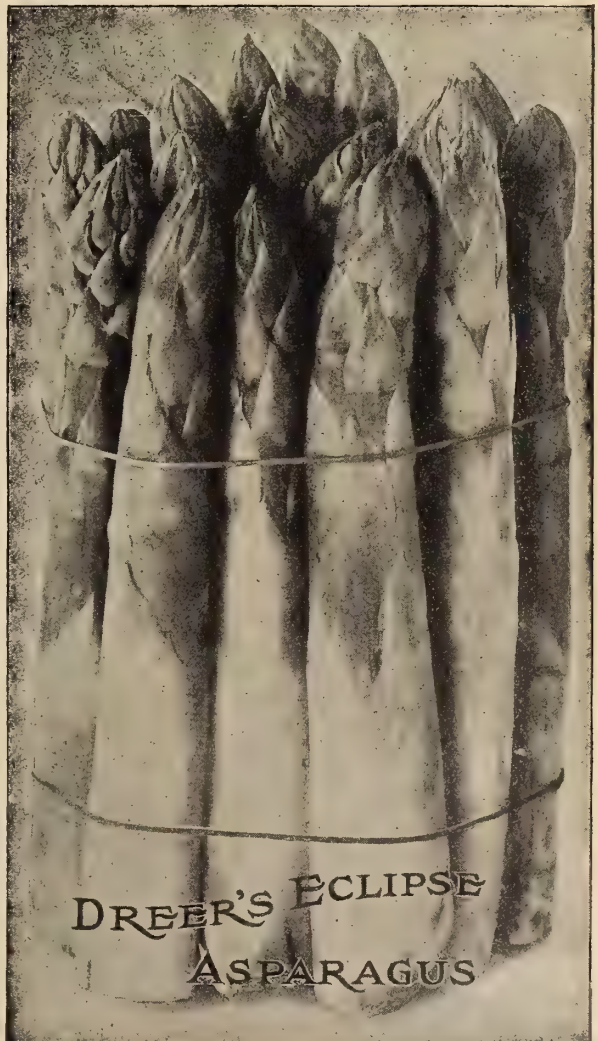
Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. We supply French grown seed. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Conover's Colossal. A large green variety, very tender and good. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

Palmetto. An early green variety, prolific and very good quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

Colombian Mammoth White. Produces large white stalks, very tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

ASPARAGUS ROOTS (See page 118).



Haricots, Nains, Fr.

BEANS—Dwarf or Bush*Frigolis*, Sp.

One pound will plant fifty feet of drill

Culture.—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For string Beans gather the pods clean as soon as fit for use.



Stringless Green Pod (Burpee's). Very popular because of its hardiness and productivity. It is stringless, ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and of excellent flavor. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.

Black Valentine. (See cut.) Being hardy this sort may be planted earlier than other varieties of Beans. The plants make a strong growth and produce a heavy crop of pods, which are dark green in color, long, straight and nearly round. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Long Yellow Six Weeks (Flat Pod). A well-known variety which is mostly grown for market. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts.; (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Bountiful. Pods grow to large size, are broad and fleshy, cook tender and fine quality. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts.; (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Extra Early Refugee. Pods are of medium size, light green and of good quality. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts.; (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

BEANS BY PARCEL POST

The prices given in this catalogue for Beans of all kinds are for same to be sent by express or freight, at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River add 7 cts. per pound.
To points West of Mississippi River add 12 cts. per pound.

GREEN-PODDED VARIETIES

Packets of all varieties of Beans, 10 cts. each.

Keeney's Stringless Refugee. See Specialties, page 4.

Mammoth Stringless Green Pod. (See cut.) This excellent variety matures its crop among the earliest of the green-podded sorts, and produces large, handsome pods, some of which measure fully 6 inches in length. The plants are very productive, bearing pods which are perfectly round, very fleshy and entirely stringless. This variety is particularly adapted to the home garden on account of its productiveness and good quality. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.

Improved Extra Extra Early Red Valentine. A standard variety, extra early, and bears pods which are round, long, slightly curved and of excellent quality. It is one of the most profitable sorts for private use or market. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Early Mohawk. Extremely hardy, may be planted very early. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.



BEANS—Wax, or Yellow-podded Varieties

Packets of all varieties of Beans, 10 cts. each

Sure-crop Stringless Wax. (See Specialties, page 4).

Improved Rust-proof Golden Wax. (See cut.) An early variety and an improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. The vines grow erect and bear the pods well off the ground, thus preventing rust and rot. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$3.50.

Wardwell's Kidney Wax. (See cut.) A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow; stringless and brittle. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$4.00.

Currie's Rust-proof Wax. An improvement on the old-fashioned Golden Wax. Pods grow long, flat, very tender and of finest quality. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$3.50.

Improved Prolific Black Wax (*Cylinder Pod.*) This is a marked improvement on the Black Wax. Plants medium size, pods waxy-yellow, very tender and productive. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$3.50.

Stringless Refugee Wax. An improved type of Refugee Wax which produces large, round pods, stringless and of excellent quality. The plant makes a strong and healthy growth, bearing an abundant crop of rich golden-yellow pods. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$4.00.



Saddle-Back Wax. This variety is of beautiful shape and rich golden-yellow color. The pods are long, round, very solid and absolutely stringless. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$4.00.

Hodson Wax-Pod. A late-maturing variety which produces large quantities of creamy-white pods that are of good quality. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$3.50.

DWARF VARIETIES OF SHELL BEANS

White Marrowfat. Extensively grown for sale as a dry Bean for winter use. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$2.50.

White Kidney, or Royal Dwarf. A superior kind for baking. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$2.50.

Boston Pea Bean (*Navy*). An excellent variety, and of very productive habit. Seeds are small, very short, almost round, and solid white. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$2.50.

Red Kidney. A standard field Bean, grown almost exclusively for the dry Beans, which are long, oval shape, and purplish-brown in color. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$2.50.

Black Turtle Soup. Used as a winter shelled Bean. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., \$2.50.



DWARF, or BUSH LIMA BEANS

CULTURE.—Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant eye downward and two inches deep as soon as the soil becomes warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes, or some good fertilizer or compost around the plants will be of much benefit in hastening maturity and increasing the yield. One pound will plant 50 feet of row.

Packets of all varieties of Beans, 10 cts. each



Dreer's Wonder Bush Lima. (See Colored Plate and page 9.)

Fordhook Bush Lima. (See cut.) This valuable variety is a perfected form of Dreer's Bush Lima, which variety it resembles in form of pod and shape of bean, but both are larger and the plant is of strong, upright growth, protecting the pods from contact with the soil, thus preventing rust or rot. It produces the pods in clusters and the Beans are very large, thick through and of a delicious flavor. It is now largely grown by market gardeners, not only on account of its productiveness, but also because their customers call for it. By express or freight, at purchaser's expense, lb., 55 cts.; 2 lbs., \$1.00 (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.50.

Dreer's Bush Lima. A dwarf variety of Dreer's Improved Lima. The Beans grow close together in the pods, producing three and four Beans each, sometimes five, and are thick, sweet and succulent, fully equal in quality to Dreer's Improved Pole Lima. An excellent variety, which is particularly valuable for the home garden on account of its productiveness. By express or freight, at purchaser's expense, lb., 55 cts.; 2 lbs., \$1.00 (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.50.

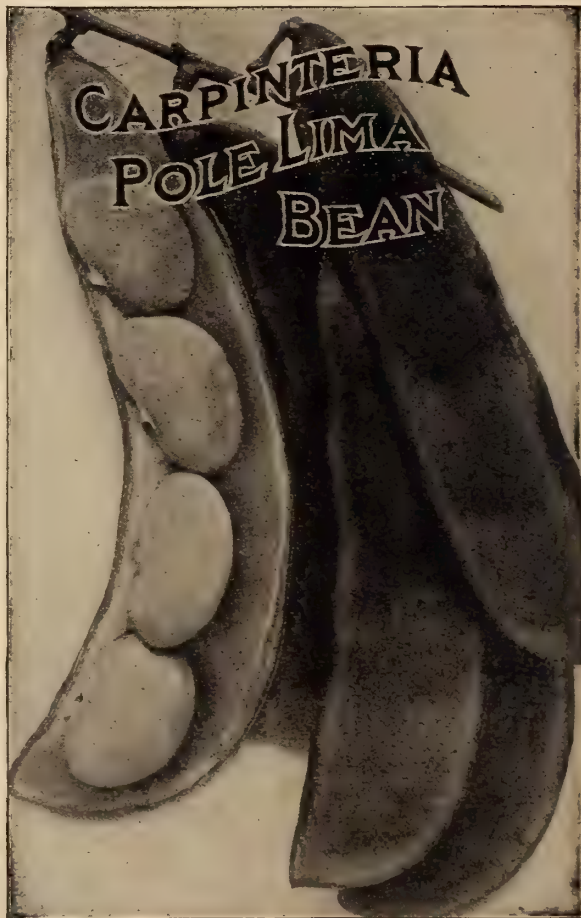
Burpee—Improved Bush Lima. Produces pods and Beans which are enormous in size; some pods measuring five to six inches long. The plant grows in dwarf form, strong and vigorous, producing large numbers of handsome pods, grown in clusters and well filled with Beans which are of a delicious flavor. It is an improved type of the original Burpee's Bush Lima Bean, but is much larger, more productive and the pods will average more Beans to a given number. By express or freight, at purchaser's expense, lb., 55 cts.; 2 lbs., \$1.00 (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.50.

Burpee's Bush Lima. This variety was one of the first of the Bush Lima Beans to be introduced. It is a bush form of the well known Large White Lima, very productive and of good quality. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.00.

Henderson's Bush Lima. This is a small white Lima Bean which grows in the bush form and produces a large crop. The plants are very hardy, make rapid growth and are not so apt to throw runners like some of the other varieties of Bush Lima, and while they begin to set pods at an early season, they continue to do so until frost. The pods usually contain 4 beans, which are very tender and of a delicious flavor. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.00.

CARPINTERIA POLE LIMA BEAN

The Beans of this splendid pole lima have a greenish tint when ready for use, which is an indication of good quality. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large Beans, which are thicker than the ordinary lima, and retain their color even when in the dry state. The Beans cook nicely, and being thin-skinned are exceedingly tender and of fine flavor. The originator, who is a skillful grower, claims that the "Carpinteria" is the most perfect lima Bean ever introduced. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if wanted by Parcel Post, add as stated on page 15); 10 lbs., \$3.50.



Haricots a rames, Fr.

POLE LIMA BEANS

Frijol vástago, Sp.

CULTURE.—Pole Limas do best in a sandy loam, and if season is suitable, may be planted about May 1st. Set the poles about 4 feet apart each way and plant 4 to 6 beans, eye downward around each pole, and when plants are up, thin out to 3 plants to a pole. Pinch off the ends when plants over-run the top of the poles. It is well to use a shovelful of rich, light, well-rotted compost to each hill. **One pound of seed will plant 75 to 100 hills.** Material for inoculating Lima Beans will be found offered on page 224.

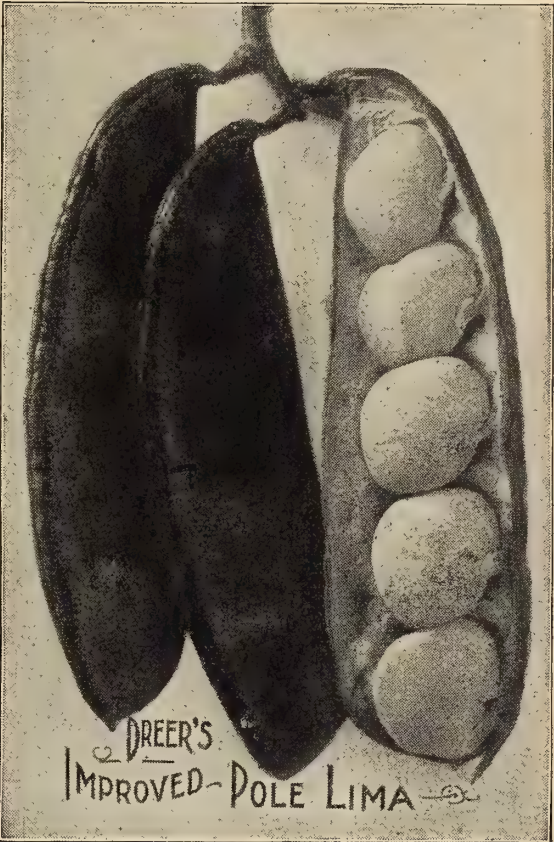
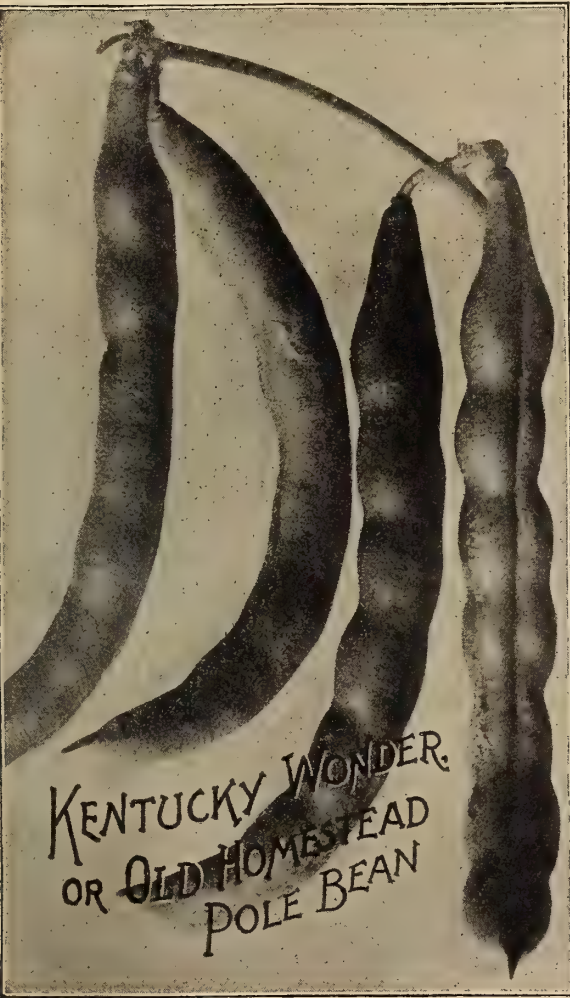
BEANS BY PARCEL POST

The prices given in this catalogue for Beans of all kinds are for same to be sent by express or freight, at the purchaser's expense. If wanted by Parcel Post add as follows:

- To points East of Mississippi River, 7 cts. per pound.
- To points West of Mississippi River, 12 cts. per pound.

Packets of all varieties of Beans, 10 cts. each.

- Carpinteria Lima.** (See description on page 14.)
- Dreer's Improved Lima.** (See cut.) An early variety of excellent quality and great productiveness. The quality is exceedingly fine, the Beans cooking rich and mealy. In some sections this variety is called Challenger, or Potato Lima. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.
- Early Leviathan Lima.** The pods are long and contain from 4 to 5 long beans, which are flat in shape, of good size and excellent quality. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.
- Early Jersey Lima.** Matures a few days earlier than the King of the Garden. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.



- King of the Garden Lima.** A standard variety, which is a vigorous grower, bearing large dark green pods containing four or five large white beans which are of good quality. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.
- Small Lima, or Sieva.** Small, good flavor. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs.; \$3.50.

POLE BEANS

CULTURE. Same as for Pole Limas, at top of this page. Prices given below for Pole Beans are for same by express or freight, at purchaser's expense. If wanted by Parcel Post, add as stated at top of page.

GREEN POD VARIETIES

	LB. 2 Lbs. 10 Lbs.		
Kentucky Wonder, or Old Homestead (See cut.). Best green-pod Pole Bean.....	.45	.80	\$3.50
Horticultural, or Speckled Cranberry ..	.45	.80	3.50
White Creaseback. Green pods, white seed .50	.90	4.00	
Lazy Wife's. Very productive, green pods. .50	.90	4.00	
Scarlet Runner. Flowers bright scarlet... .45	.80	3.50	
White Dutch Runner. Bears white flowers. .45	.80	3.50	
White Dutch Case-Knife. Cornhill Bean. .45	.80	3.50	

WAX POD VARIETIES

Dreer's Golden Cluster Wax.....	.50	.90	4.00
Kentucky Wonder Wax.....	.50	.90	4.00

Betterave, Fr.

BEETS

Remolacha, Sp.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre

CULTURE. Fibrous loam, well drained and well enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 and 4 inches apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.



Detroit Dark Red. (See Colored Plate and page 9.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Crimson Globe. (See Specialties, page 3.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Dark-leaved Globe. (See Specialties, page 3.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Early Model. (See Specialties, page 3.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Dreer's Special Crosby's Egyptian. (See cut.) Our special strain of Crosby's Egyptian Beet is superior to that usually sold. The seed is American-grown from Beets selected for earliness and uniformity of shape and color. It is ready for use very early, is sweet and tender, and may be depended upon for best results, either when grown in the garden or under glass. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Crosby's Egyptian. Extremely early and may be grown out of doors or under glass, and in either case the young Beets are fit for use at an early stage of growth. It is thicker through than the old Egyptian, which adds greatly to its appearance, and this, together with the rich vermilion color, makes it very attractive. The quality is excellent, being sweet and tender. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Dreer's Excelsior Blood. The attractive form and rich dark color of this Beet commend it to all who grow it. Matures fully as early as any variety of turnip-shape Beet known, and grows to a uniform size and shape. The flesh is blood-red, remarkably sweet and tender, retaining all of its good qualities until it has attained an advanced age. Pkts., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Edmand's Blood Turnip. (See cut.) A good variety to follow the extra early sorts, and one of the best for winter use. It grows with a short top, and the skin is dark red, while the flesh is purple, slightly zoned and of good quality, being sweet and tender, and it is a most excellent keeper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



Early Eclipse. Perfectly smooth and round, and has a small top; skin and flesh intense red. This variety is one of the first to be ready for the table. It does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Extra Early Egyptian. An early variety, suitable for forcing and growing in the open garden. Tops are small and Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red, and the Beets are tender and of good flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Early Blood Turnip. A fine selection, early and also good for summer and autumn use. It is very sweet and tender. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

BEETS—Continued.

Dewey's Improved Blood Turnip. An improved medium early Blood Turnip Beet. The skin is dark red and flesh carmine, striped with a lighter shade. It is a good keeper and grows to a good size; flesh is tender and sweet. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Bastian's Early Blood Turnip. A good early turnip-shaped Beet. Top grows to a medium size and flesh is bright red and white and the quality is very good. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Early Bassano. An old-time and excellent second early variety having large leaf-top, which may be used as greens. The roots grow to good size and are very sweet while in the young state of growth. Flesh is white and rose-colored. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Bastian's Half-Long Blood. An excellent variety for either spring, fall or winter use. The roots are smooth, flesh bright red and the quality is very good. It is a good keeper and for winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

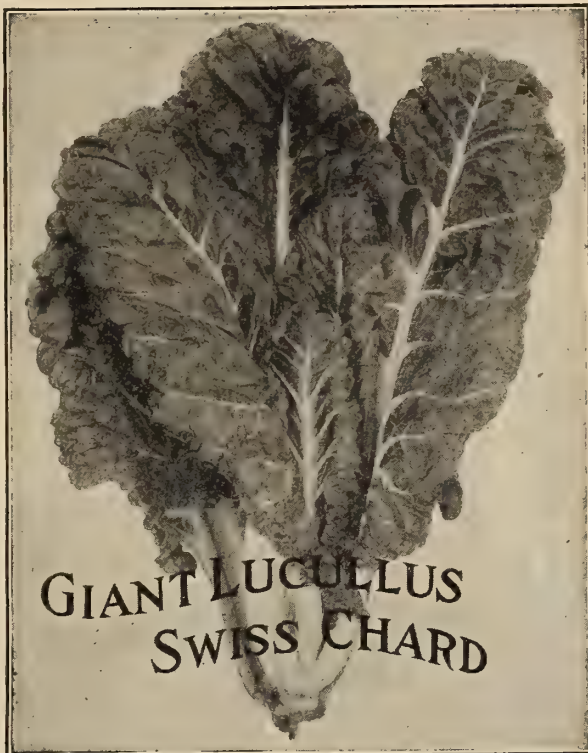
Long Dark Blood. A good late variety for fall and winter use. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

SWISS CHARD, OR SPINACH BEET

One-ounce will sow 100 feet of row

Swiss Chard, Giant Lucullus. (See cut.) The Swiss Chard, or Spinach Beet, is prepared for the table in the same manner as Spinach; sometimes, however, the mid-rib is prepared like Asparagus. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer, as you can cut right down to the ground, and new shoots will soon spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large curly leaves, with thick, light-colored midribs, which are delicious when cooked and served like asparagus. You should not fail to plant at least one long row in your garden. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Swiss Chard, or Silver Beet. Produces large, light-colored leaves in great abundance and has a mild flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$2.75.



MANGEL WURZEL

Used for feeding stock; sow 6 lbs. to acre, in May or June, in rows 3 feet apart, and thin to 9 inches. Cultivate with horse.

	OZ.	BY MAIL $\frac{1}{4}$ LB.	LB.	BY EXP. 10 LBS.
Mammoth Long Red	15	40	\$1.25	\$11.50
Red Globe	15	40	1.25	11.50
Golden Tankard	15	40	1.25	11.50
Yellow, or Orange Globe ..	15	40	1.25	11.50
Golden Yellow-Mammoth ..	15	40	1.25	11.50

SUGAR BEETS

Sow same as Mangels, except thin 6 to 8 inches in the row.

	OZ.	BY MAIL $\frac{1}{4}$ LB.	LB.	BY EXP. 10 LBS.
American White Sugar....	15	40	\$1.25	\$11.50
Lane's Imp. White Sugar..	15	40	1.25	11.50

Chou-Brocili, Fr. **BROCCOLI** *Broccoli*, Sp.

This vegetable is used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hot-bed in January or February and transplant into cold frames; 2 or 3 inches each way. Set out in open ground early in spring, about 2 $\frac{1}{2}$ feet apart. **One ounce will sow 200 feet of drill.**

White Cape. Large, compact heads of a creamy white color and of good flavor. Culture same as for late Cauliflower. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00.

BRUSSELS SPROUTS

Chou de Bruxelles, Fr. *Berza de Bruselas*, Sp.

Culture.—Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 1 $\frac{1}{2}$ to 2 feet apart in the row; Cultivate same as Cabbages. **One ounce will sow 200 feet of drill.**

	PKT.	OZ.	$\frac{1}{4}$ LB.
Dreer's Select Matchless.....	10	60	\$2.00
Long Island Half-Dwarf.....	10	60	2.00

Brussels Sprouts Plants, see page 118.



Chou, FR.

CABBAGE

Berza, SP.

Sow one ounce for 3,000 to 4,000 plants, 4 ounces for one acre.

CULTURE. For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation, and irrigate in dry weather if practicable. Protect against the ravages of cutworm, maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seed in drills in open ground during April and May, and transplant in June and July, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale-Oil Soap solution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.



EARLY VARIETIES

Small Extra Early Jersey Wakefield. (See Specialties, page 4.) Pkt., 15 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

Early Jersey Wakefield. A leading early variety, a sure header and one of the best for private or market gardener's use; conical shape and good quality. Our strain of this variety is exceptionally fine. Pkt., 15 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50. For Plants see page 118.

The Charleston, or Large Wakefield. (See cut.) Large solid heads, of good quality, a few days later than Early Jersey Wakefield; especially recommended for institutions and market gardeners, producing fully twice as much per acre as the early variety. The strain we offer is very fine, and cannot fail to give satisfaction, as it combines all the good qualities of an early, long-keeping Cabbage. Pkt., 15 cts.; oz., \$1.25; $\frac{1}{4}$ lb., \$4.00.

Early Winnigstadt. Conical shaped heads, medium size, very solid, of good quality, and matures very early. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Copenhagen Market. This excellent variety from Denmark will command attention of those who grow for early market, as well as private growers who desire an extra early, round-headed Cabbage which can be depended upon for making large solid heads at an early season. The heads are grown upon a short stem, are solid and large in size, weighing 10 to 12 pounds, light green leaves, and of good quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden. Pkt., 20 cts.; oz., \$1.75; $\frac{1}{4}$ lb., \$6.00.

SECOND EARLY VARIETIES

Dreer's Early Drumhead. A good second early for the home garden; large, round and very solid head. This we consider the best for following Charleston Wakefield; it matures about ten days later. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Early Summer. (See cut.) A second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25. For Plants see page 118.

All Head Early. The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having a few outer leaves; can be planted as close as the Wakefield. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Succession. A sure heading second early round-headed sort. Comes in a few days after Early Summer and makes a larger head. It is grown largely by both market gardeners and amateurs. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Improved Flat Brunswick. Produces large heads, with short stems and of excellent quality. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Selected All-Seasons (Vandergaw). An early Drumhead Cabbage, yielding heads of the largest size and good quality. Very desirable, either for early spring, summer or fall use. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.



CABBAGE—Continued

LATE VARIETIES

Chinese, or Celery Cabbage. (See page 4.) Pkt., 10 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$2.00.

Danish Ball Head (Hollander). This extra hard heading variety of Cabbage originated in Denmark. It is a medium or late variety, but is mostly used as a winter Cabbage. Medium size, round head and a fine keeper. Pkt., 20 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$5.00.

Danish Roundhead. While similar to the Danish Ballhead in size, shape and good-keeping qualities, this variety matures earlier and has shorter stem. Pkt., 20 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$5 00.

Large Late Drumhead. Heads are solid and have few loose leaves, thus allowing of planting closely in the field. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Autumn King, or World Beater. Heads large size, solid, good quality and keep well. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Dreer's Selected Late Flat Dutch. (See cut.) This is the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat and grow remarkably large, even, and very solid. Stems grow short, and the quality of the Cabbage is very fine. It is very hardy, and makes a slow growth, but is a sure heading sort, and nearly every plant can be depended upon to produce a fine large head. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25. For Plants see page 118.

SAVOY CABBAGE

Perfection Drumhead Savoy. (See cut.) The largest solid-heading Savoy, and has the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. This is the best for market gardeners, as it will produce larger heads than any other kind of Savoy Cabbage. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25. For plants see page 118.



RED CABBAGE

Large Red Drumhead. An old-time variety, largely used for pickling. The heads are solid, dark red in color and of excellent quality. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25.

Mammoth Rock Red. This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads are round with spreading outer leaves and mature at a late season. It is the best and most attractive Red Cabbage grown. Pkt., 10 cts.; oz., 90 cts.; $\frac{1}{4}$ lb., \$3.25. For plants see page 118.

CABBAGE PLANTS

(See page 118)

CARDOON

Cardoon, Fr. Cardo, Sp.

Culture.—Sow seed in open ground in early spring, either for plants to be transplanted, or directly where the crop is to mature. Have rows 3 to 4 feet apart, and plants standing 1 to 2 feet apart in the rows. Cardoon is sometimes grown in trenches in same manner as celery used to be grown. To make the stalks edible, they must be bleached much like celery. The mature leaves are tied together, wrapped in straw, and banked up with earth. The stalks will blanch fit for use in 3 to 4 weeks.

Large Smooth Solid. Grows about 4 feet high, and is almost free of spines. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10.

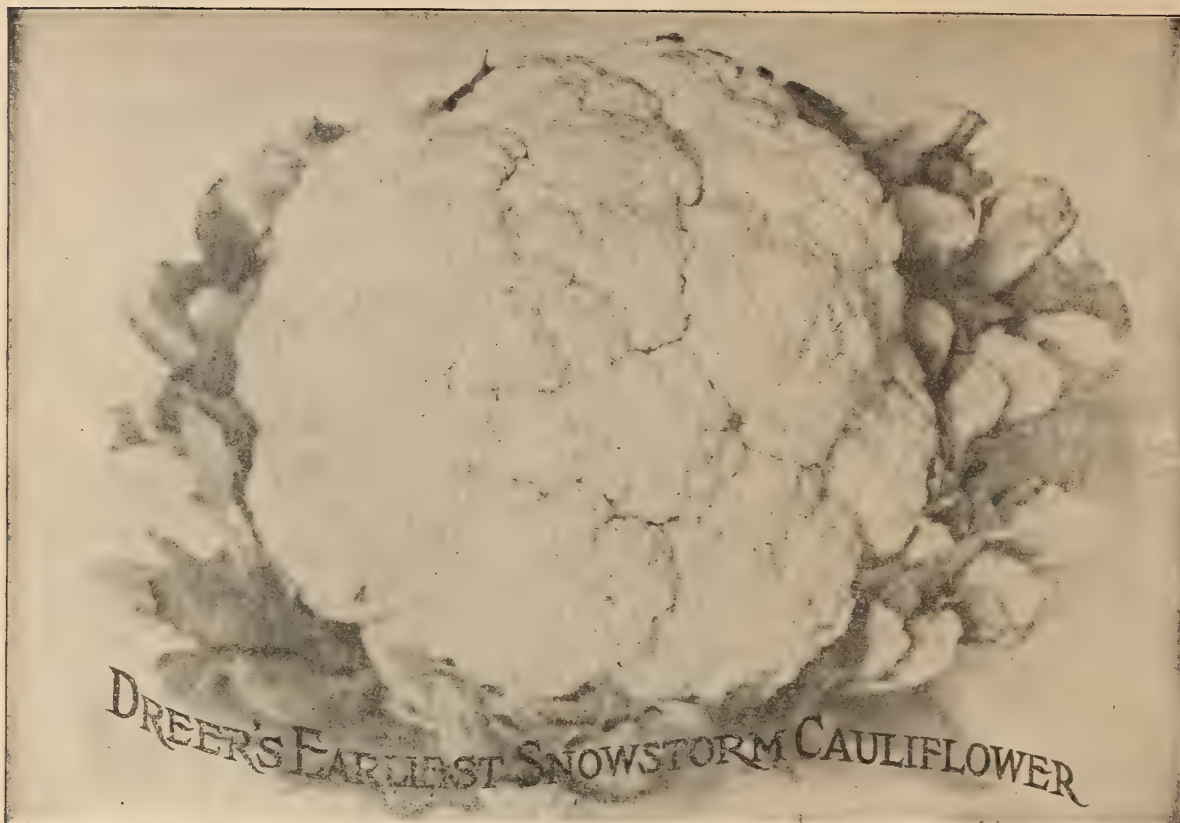
CHERVIL

Cerfeuil, Fr. Perifollo, Sp.

Culture.—The seed of Curled Chervil may be sown in well prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The leaves are aromatic and used for seasoning.

Curled Chervil. Beautifully curled and crisp. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.



*Chou Fleur, Fr.*

CAULIFLOWER

Coliflor, Sp.

One ounce of seed will produce about 3000 plants

Culture. For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2½ feet apart each way. When heads are formed and are hard, they should be blanched by drawing the leaves together and tying with raphia, or strips of soft cloth. For late Cauliflower, to mature during the pickling season (August 15th to October 10th) start plants in open ground like late cabbages, and handle them like that crop.

DREER'S Earliest Snowstorm. (See cut.) We have given this variety much care and attention, and the uniformly good results received by growers using our "Snowstorm" convince us that we have the very best and earliest strain of Cauliflower on the market, both for forcing and for growing in the open ground. It has been used by our customers in different sections, and the report is alike from each: "*The best they ever grew.*" It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful snowy white head, much earlier than any other variety. *For Plants see page 118.* Pkt., 25 cts.; ¼ oz., \$1.75.

Dry-weather Cauliflower. This variety of Cauliflower is especially adapted for sections subjected to long dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt., 25 cts.; ¼ oz., \$1.75.

Dreer's Selected Dwarf. A very early small-leaved dwarf variety, which is suitable for forcing or open ground. It produces a solid head, medium size, white and of excellent quality. It grows about 15 inches high and is a very dependable header. Pkt., 20 cts.; ¼ oz., \$1.00.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads. The plants make a compact growth, with short outside leaves, and produce heads of medium size. Well suited for hotbed culture. *For Plants see page 118.* Pkt., 20 cts.; ¼ oz., \$1.25.

LATE CAULIFLOWER

Half Early Paris. A popular white sure-heading variety, good for early or late use. Pkt., 10 cts.; oz., \$1.00.

Lenormand's Short Stem. A large, late, short stemmed variety. Head is very firm. Pkt., 10 cts.; oz., \$1.00.

Algiers. An extra fine, large, late variety, suitable for market and sure to head. Pkt., 10 cts.; oz., \$1.00.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit; heads large, compact and thoroughly protected by the leaves. Pkt., 10 cts.; oz., \$1.00.

For CAULIFLOWER PLANTS see page 118.

CHICORY

Culture. Sow seed in early spring as for carrots, in rows 12 to 16 inches apart, and thin the plants to 2 to 3 inches. To blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar, the tops all pointing outward of the sloping heap or heaps. Directions for raising Witloof Chicory, or French Endive, are given on page 5. **One ounce to 100 feet of drill.**

Witloof Chicory, French Endive. (See Specialties, page 5). Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.10; lb., \$4.00.

Common, or Wild. The leaves are used as salad. Pkt., 10 cts.; oz., 65 cts.; ¼ lb., \$1.90; lb., \$7.00.

Large Rooted. Used to mix with or as a substitute for coffee. Pkt., 10 cts.; oz., 65 cts.; ¼ lb., \$1.90; lb., \$7.00.

Carotte, Fr.

CARROT

Zanahoria, Sp.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre

CULTURE.—Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For the earliest crop sow seed of the early short-rooted sorts in April or May in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 2½ feet, to allow of cultivation by horsepower. In sowing Carrot or other small seed, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet or with the roller of the garden drill. Varieties marked * are good for stock feeding.

Earliest Short Horn (*French Forcing*). This variety is one of the earliest to mature. Roots are small, reddish-orange, of globular shape and excellent flavor. It is an excellent variety for forcing under glass and may also be used for both early and late sowing outside. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Early Scarlet Horn. (See cut.) May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2 inches long; reddish-orange and good flavor. May be grown either in frames or in the open ground. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

St. Valery. An intermediate variety, growing to a size between the half-long and long varieties, about 10 inches long, broad at neck, tapering to a point; orange color and of good quality. This Carrot is valuable for growing in the garden and also for field culture on account of productiveness and good shape. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 80 cts.; lb., \$2.75.

Chantenay Half-Long. A half-long variety, with orange-red skin and crisp, tender flesh. The root is broad at top, tapering slightly to bottom, and is fit for use at an early season. It resembles the Nantes Carrot, but has a larger shoulder. The Carrots being smooth and of handsome appearance will please all who grow them, not only on account of fine appearance, but also because of their many other good qualities. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.



Danvers' Half-Long Orange. (See cut.) A rich orange-red variety, smooth and handsome. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger varieties. For many years this has been the prime favorite in America, both with the market gardener and amateur grower. Its size, color and shape go towards filling the requirements necessary to make it the leading variety for general crop. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., \$2.25.

Improved Rubicon. This beautiful half-long stump-root Carrot originated in Rhode Island. It is the result of careful breeding, and in shape and color most desirable. The Carrots grow about the same length as the well-known Danvers, but thicker, and are rich dark orange in color, very sweet and of a mild flavor. It is remarkably clean-skinned, grows evenly and is easily pulled, besides it is also a good keeper. Grows best in a soft, deep and mellow soil, which has been well manured. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., \$2.25.

***Guerande, or Oxheart.** A good variety on soils too hard and stiff for the longer-growing sorts. It is very thick, grows four to five inches long, flesh is orange color and sweet. While it is most valuable for feeding stock, it is also good for table use while young. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

***Nichol's Improved Long Orange.** This is a very fine selection of the Long Orange Carrot, good flavor and the best variety for stock feeding. The root grows long and tapers gradually to a point, being about five or six times as long as it is broad, and it does best in a deep rich soil. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., \$2.25.

***Large White Belgian.** Used for feeding cattle. The roots grow partly above ground and are thick through, yielding a heavy crop which should be harvested before frost. It is a field Carrot and grown only for stock feeding. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.



*Celeri, Fr.**Apios, Sp.*

Culture.—For early or summer Celery sow seed of the self-blanching sorts in flats under glass during February, and pick out, singly or in sections of row, into other flats, frames, or in nursery row in the open, selecting soil in the highest state of cultivation. In May to June, set the plants in very rich and well prepared land, 6 inches apart in the rows, and rows 3 or 4 feet apart. Give thorough and clean cultivation, and blanch by means of boards set up against the rows. For later and winter Celery, start seed of standard sorts either in flats as for early, only a little later, or directly into open ground. Make the rows for plants 1 foot apart; sow seed shallow and firm well. The rows in which the plants are to be set are 4 or 5 feet apart. Blanch by earthing up gradually clear to within a few inches of tip of the leaves. For winter storage, take up the plants with roots, and place upright on wet soil in a dark cellar or roothouse, packing closely. **One ounce of Celery seed will produce from 5,000 to 10,000 plants.**

Easy-Blanching. (See Colored Plate and page 8.) Pkt., 20 cts.; $\frac{1}{2}$ oz., \$1.25; oz., \$2.00; $\frac{1}{4}$ lb., \$6.00.

Columbia. (See Specialties, page 5.) Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Winter King. (See Specialties, page 5.) Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Perfected White Plume. (See cut.) We offer a choice strain of this valuable and popular variety. It is ready for use ahead of all other varieties and is unsurpassed for fall and early winter use. The leaves are bright green with white tips, and as the plants grow to maturity the inner stalks and leaves turn white, thus making very little earthing up necessary to thoroughly and quickly blanch it. The flavor is good and it is a fine Celery for early marketing. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.75. For Plants see page 118.

Originator's Golden Self-blanching. (French-grown seed.) A splendid variety of early Celery, requiring but little labor or trouble to blanch. Plants grow to a medium size and make a stocky growth; heart is rich golden-yellow with light yellowish-green outer leaves. The quality is excellent, as the stalks are remarkably crisp, tender and good for early use. Pkt., 20 cts.; $\frac{1}{2}$ oz., 85 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$4.50.

Golden Self-blanching. Similar to above. (American-grown seed.) Pkt., 10 cts.; oz., 85 cts.; $\frac{1}{4}$ lb., \$2.50. For Plants see page 118.

Golden Half-Dwarf. The best of the half-dwarf varieties; stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Perfection Heartwell. A most excellent large green variety. Stalks grow long and thick, very compact, crisp and of fine flavor. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Boston Market. Very mild flavor, extremely tender and crisp. Forms a cluster of heads instead of a single large one, should be blanched by earthing up for five or six weeks. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Dreer's Monarch. This variety was introduced by us and is a decided acquisition in green Celery, producing large stalks with bright golden yellow heart; very solid, brittle, and of most delicious flavor, free from stringiness. It is a good keeper, and presents a handsome appearance when ready for the table. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Schumacher. The stalks are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first-class. This variety is grown largely by market gardeners. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Giant Pascal. A superior fall and winter sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00. For Plants see page 118.

Winter Queen. An excellent winter-keeping Celery. Grows a very thick, solid and heavy stalk and has a large heart. The color is creamy-white when blanched and quality very good. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25. For Plants see page 118.

New Rose. The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable. This is the best variety of rose-colored, or pink Celery. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Soup, or Flavoring Celery. Not for planting purposes, but used for flavoring. Oz., 5 cts.; $\frac{1}{4}$ lb., 50 cts.

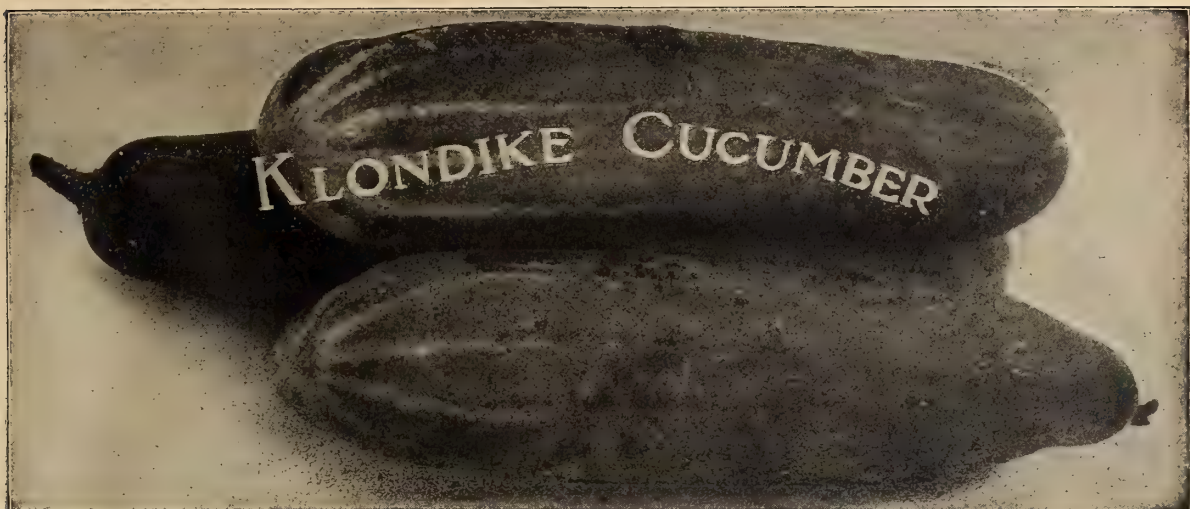
CELERIAC (Turnip-rooted Celery).

*Celerie Rave, Fr.**Apio Nabo, Sp.*

Culture.—Grown mostly for its bulbous root. Seeds are started and plants set in same way as advised for Celery. Celeriac is not usually blanched, but very fine when thus treated and much hardier than the stalk celeries.

Apple-shaped. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Giant Smooth. A very large and smooth globe-shaped variety. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.



Concombre, FR.

CUCUMBER

Pepino, SP.

One ounce will plant fifty hills; two pounds will plant one acre

CULTURE.—For very early Cucumbers, sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to 4 of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped cucumber or squash beetle is the most serious insect enemy of the crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

The Davis Perfect. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Early Fortune. (See Specialties, page 5.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Early Russian. One of the earliest. Fruits 3 to 4 inches long. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Early Cluster. Produces clusters of small fruits and is prolific. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Improved Early White Spine (Bennett's). A very popular variety. Straight fruit, light green with white spines. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Arlington White Spine Forcing. (See cut.) A strain of White Spine which has been improved through careful selection with a view to use for forcing in hot-houses and frames. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Green Prolific. One of the best pickling varieties; dark green. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Nichol's Medium Green. This Cucumber is largely grown for the pickle manufacturers. Fruits medium size and dark green. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Klondike. (See cut.) This valuable variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Everbearing. Very productive; fruits of all sizes will be found on the vine at same time, size is small and well adapted for pickling. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Chicago Pickle. Medium size, pointed both ends. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Cool and Crisp. A strain of White Spine somewhat like the Arlington, but longer and more cylindrical. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Long Green (Jersey Pickle). Fruits are long, firm and crisp. The small fruits are used for pickles and larger ones make excellent sweet pickles. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Emerald. Exceedingly productive, fruits set early and are very handsome; dark green, long and straight. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Japanese Climbing. Can be grown on a trellis; very prolific and of good quality. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

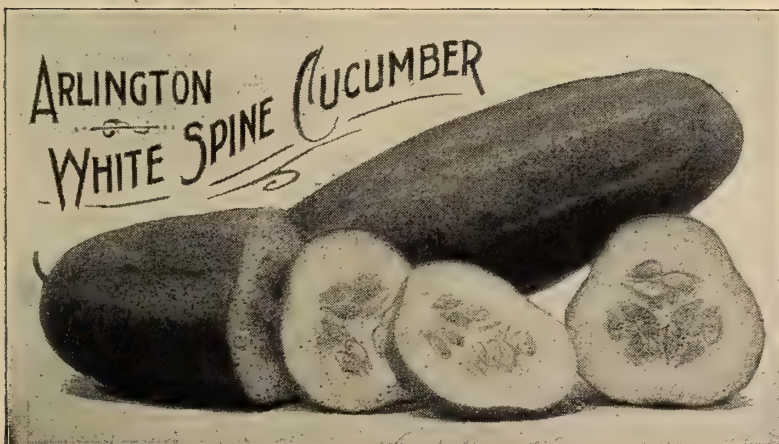
Small Gherkin. A small prickly variety. Used for pickles only. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

ENGLISH FORCING CUCUMBERS

The seed we supply is secured from the best growers in England and is from selected fruits.

Covent Garden Favorite, Rochford's Market, Lockies' Perfection. In packets of 10 seeds each, 25 cts.; per 100 seeds, \$2.25.

Duke of Edinburgh, Sion House Improved, Telegraph (Rollison's). In packets of 10 seeds each, 20 cts.; per 100 seeds, \$1.75.





Maiz, FR.

CORN, Sweet or Sugar

Maiz, SP.

One pound will plant about 100 hills, or 150 to 250 feet of row



CULTURE.—Seed of the sweet varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay to take some risk, as often the plants, when once up, escape injury by frost. Plant in hills 3 feet apart each way, covering about half an inch and thin out to three plants to a hill, or plant in rows 4 feet apart, and to stand 12 inches apart in the rows. For succession plant every two weeks up to July 15.

SWEET CORN BY PARCEL POST

The prices given in this Catalogue for Sweet Corn of all kinds are for same to be sent by express or freight, at purchaser's expense. If wanted sent by Parcel Post remit extra as follows:

To points East of the Mississippi River, 7 cts. per pound.

To points West of the Mississippi River, 12 cts. per pound.

Packets of all varieties of Sweet Corn, 10 cts. each.

PROTECT FROM BIRDS

Before planting Sweet Corn give it a coating of Pine Tree Tar. Place seed in vessel and add enough water to cover it; then stir in a teaspoonful of tar for each peck of seed. Drain on a sieve and add some land plaster.

Golden Cream. (See Specialties, page 6.)

Golden Dawn. (See Specialties, page 6.)

Peep o'Day. (See Specialties, page 6.)

Dreer's Aristocrat. (See cut.) This delicious Sweet Corn was first introduced by us a few years ago. It is a reliable extra early sort, which was for many years controlled by a prominent gardener who supplies truck to the aristocrats of Newport, R. I. It is an extra early variety, ripening with the Cory; stalks grow 4 to 6 feet high and ears are of large size, measuring 8 to 10 inches in length. The grains are extremely sweet, and, being decidedly broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Golden Bantam. (See cut.) Grains are yellow and ears measure about five inches in length, but the smallness of the ears is fully made up by the deliciously sweet flavor and tender quality of the corn when cooked. It is a fine variety for the home garden. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50

Howling Mob. A large extra early sweet variety, which may be planted very early and is productive. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Early Evergreen. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Metropolitan. An extra early variety, ripens a few days later than Cory, but produces larger ears. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

WELL-KNOWN VARIETIES OF SWEET CORN

Prices below for Sweet Corn are for same by express or freight, at purchaser's expense. If wanted by Parcel Post add as stated at top of page.

	LB.	2 LBS.	10 LBS.
Crosby's Early. Very sweet, matures extra early.....	\$0.35	\$0.60	\$2.50
Adam's Extra Early. Not sweet, but matures early.....	30	50	2.25
Mammoth White Cory. Large, early and sweet.....	35	60	2.50
Kendel's Early Giant. A good second-early.....	35	60	2.50
Mammoth Early. Second-early, large and sweet.....	35	60	2.50
Zig-Zag Evergreen. Earlier than Stowell's.....	40	70	3.00
Potter's Excelsior, or Squantum. Large, late.....	35	60	2.50
Mammoth Late. Largest of any kind, very sweet.....	35	60	2.50
Black Mexican. Very sweet. Grains white while young....	40	70	3.00



CORN, Sweet or Sugar

Continued

Packets of all varieties Sweet Corn, 10 cts. each

Stabler's Early. (See cut.) Of much larger size than usual for the early kinds of Sweet Corn and of most delicious flavor. The grains are broad and very tender. This is a fine variety for the home garden. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page 24); 10 lbs., \$3.00.

Stowell's Evergreen, Improved. This well-known variety is largely planted for the late, or main crop and is very productive. The ears grow to a large size and grains are very tender and sugary. It remains in good condition, suitable for cooking, for a long time. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated at top of page 24); 10 lbs., \$3.00.

Country Gentleman, Little Gem, or Shoe Peg. A very popular variety which ripens about the same time as Stowell's Evergreen. Ears medium size, deep grains in irregular rows on cob, and deliciously sweet, tender and milky. A fine late variety. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts.; (if by Parcel Post add as stated at top of page 24); 10 lbs., \$3.50.

POP-CORN On the ear only

White Rice. Lb., 30 cts., postpaid. By express, 10 lbs., \$1.50.

White Pearl. Lb., 30 cts., postpaid. By express, 10 lbs., \$1.50.

Queen's Golden. Lb., 30 cts., postpaid. By express, 10 lbs., \$1.50.

SWEET FODDER CORN. Write for price.

FIELD CORN. The leading varieties. See pages 47 and 48.

Chow Caba, FR.

COLLARDS

Cabu, SP.

Culture.—Sow seeds the same as for late cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. One ounce will produce about 3000 plants.

Creole, or Southern. Cabbage greens, used as a substitute for cabbage in the South. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Cresson, FR.

CRESS

Berro o Mastuerzo, SP.

Culture. Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

Extra Curled, or Pepper Grass. Leaves frilled and are used for salad or garnishing. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Upland Cress. Grown in soil and has the flavor of Water Cress. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Water Cress. Grown in water. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.



Aubergine, Fr.

EGG-PLANT

Berengena, Sp.



One ounce will produce 1000 to 2000 plants

CULTURE.—Sow the seeds of Egg-Plant in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June. Egg-plant seed requires a higher temperature for germination than other garden vegetables, and this temperature should be maintained right along in order to maintain strong and healthy growth. The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between the rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest, as well as blight, may be controlled by spraying with Bordeaux Arsenate of Lead Mixture.

Early Black Beauty. (See Specialties, page 6.) Spineless and rich purplish-black skin; very attractive and of best quality. Ten days earlier than the New York Improved. For Plants see page 118. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

New York Improved Large Purple. (See cut.) This variety is largely grown and produces the Egg-plants in great quantities; plants sometimes bear from 6 to 8 fruits each. They are large, nearly round, dark purple, free of thorns and of excellent quality. Pkt., 10 cts.; oz., 70 cts.; $\frac{1}{4}$ lb., \$2.00.

Early Long Purple. Earliest and hardiest; very productive. Fruit long and of good quality, 6 to 10 inches long. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.75.

Black Pekin. Fruit purplish-black, round, large, solid, smooth and glossy; very prolific and early and of fine flavor. Pkt., 10 cts.; oz., 70 cts.; $\frac{1}{4}$ lb., \$2.00.

EGG-PLANT PLANTS (See page 118).

FINOCCHIO, or FLORENCE

FENNEL (See Specialties, page 6).

GARLIC (See page 33).

HOP VINE ROOTS (See page 118).

HORSERADISH (See page 118).

CORN SALAD (Fetticus)

Culture.—Sow in spring in drills 1 foot apart. For winter and early spring use, sow in drills in August and September. **Three ounces to 100 feet of drill.**

Broad-seeded. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Pissenlit, Fr. DANDELION Amargon, Sp.

CULTURE.—Plants usually come up small and feeble. Sow seed in good, clean loam, in drills one foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter. **One ounce to 100 feet of row.**

Broad-leaved. Pkt., 10 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Improved Thick-leaved. An improved variety.

Pkt., 10 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Chicore, Fr. **ENDIVE** *Endibia o Escarola, Sp.*

Endive is one of the best and most wholesomesalads for fall and winter use. Sow in shallow drills in April for early use or for late use in June and July. When 2 or 3 inches high transplant into good ground or thin out to 1 foot apart. When nearly full grown and before they are fit for the table they must be bleached. This is done by gathering the leaves together and tying with yarn or bass to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. **One ounce of Seed to 300 feet of row.**

Dreer's Giant Fringed. (See cut.) A strong-growing variety with large white heart and broad stems; good for fall and winter. On account of the beautifully curved leaves is fine for decorative purposes. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Green Curled Winter. Standard sort for fall and winter crop; when tied up this variety blanches splendidly. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

White Curled (Self-blanching). Leaves pale green; grows to a large size; always crisp and very tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Broad-leaved Batavian (Escarolle). Leaves broad, light green, nearly plain; used in stews and soups. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

French Endive. See Witloof Chicory, page 5.



KALE, or BORECOLE

Chou Vert, Fr.

Breton, Sp.

One ounce of seed will produce about 5000 plants.

Culture.—The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and be used for greens.

Dreer's Imperial Long Standing Kale.

(See cut.) A beautifully curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance, a bright green color and very productive. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Dwarf Green Curled. The leaves are yellowish-green, grow very compact and are beautifully curled; sow the seed in September for winter and spring use. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored; an excellent sort. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Sea Kale. Served like asparagus. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

KOHL-RABI

Chou Rave, Fr. Col de nabo o Nabicol, Sp. (Turnip-rooted Cabbage.)

One ounce of seed will sow a drill of about 300 feet.

Culture.—The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills, allowing 16 or 18 inches space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

Earliest White. A white, tender variety, with smooth root and very short top. It is one of the best varieties for outdoor culture. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10.



DREER'S IMPERIAL
LONG STANDING KALE



KOHL RABI

Early White or Green Kohl-Rabi. The flesh is white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it particularly desirable on account of earliness. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10.

Early Purple Kohl-Rabi. A small, but very early variety, used for forcing or early planting in the garden. The top grows small and skin is purple, but flesh white and of good flavor. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10.

Poireau, Fr.

LEEK

Puerro, Sp.

Culture.—Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, plants transplanted in the spring.

Dreer's Prizetaker Leek. A fine large variety of Leek, which is very mild and tender. The Leeks grow very long and thick and are pure white in color. It belongs to the onion family and the lower part of the leaves or stem blanch white and may be eaten raw, being milder than the onion. It is also used in culinary preparations. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Giant Carentan. Produces a large thick stem and is of mild flavor. The leaves are dark and the plant is very hardy and it is suitable for planting either in the spring or fall. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Musselburg Grows to a very large size, with broad leaves, spreading like a fan. It is hardy and well suited for the home garden. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

London, or American Flag. A well-known and popular sort, hardy and good quality. Grows long and is rather broad. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Laitue Fr.

LETTUCE

Lechuga, Sp.

CULTURE.—Sow the seed in hotbeds or flats during February or early March, prick the young seedlings out in flats or cold frame several inches apart each way, and, as soon as a nice, rich, warm spot can be prepared in open ground in spring, transplant the well-hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter. **One ounce will produce about 3000 plants.**

**Early Curled Simpson** (*Silesia*).

This does not head, but forms a close, compact mass of leaves; very early; excellent for forcing. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Black-seeded Simpson. Produces a compact mass of leaves. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Early Dutch Butter, Spotted. Fine large heads of excellent quality. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Black-seeded Tennisball. Forms a close, hard head, with few outer leaves. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Golden Queen. Very early, small yellow heads. Used for forcing. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Dreer's Improved Hanson. This superior Lettuce, which we introduced over forty years ago, is one of the best summer heat-resisting sorts. Heads grow to good size, are sweet, tender and crisp. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts. For Plants see page 119.

Improved Deacon. A good summer cabbage sort; very crisp, large and light in color. Largely used for growing in cold frames. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Sensation. Color yellowish-green; heads close and hard; quality very fine, being crisp and tender. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Mignonette. Heads small, leaves slightly curled, edges tinted brown. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

California Cream Butter. Produces a large white head. withstands heat. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Dreer's "All Heart." (See Colored Plate and page 8.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

French Unrivalled. (See Specialties, page 7.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Wonderful. (See Specialties, page 7.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Wayahead. (See Specialties, page 7.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Boston Market. Hardy and crisp; a good forcing variety. Heads are medium size and leaves dull green in color and excellent flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Hittinger's Belmont Forcing. An improvement on the Boston Market, larger in size and of a crisp and tender quality. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

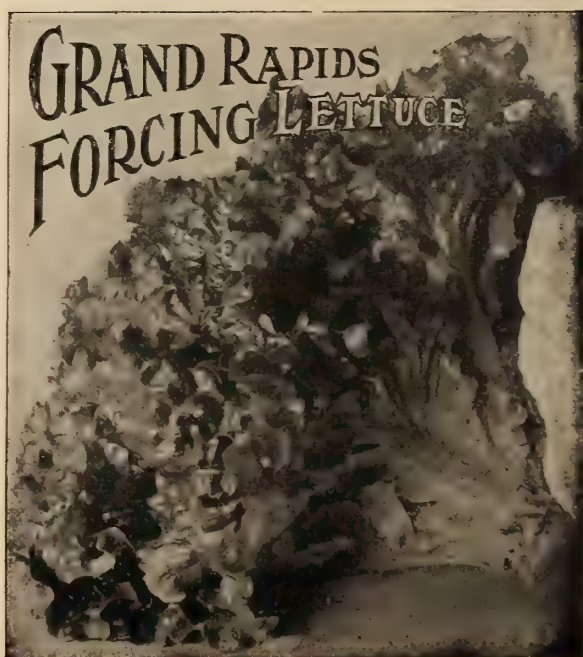
Grand Rapids Forcing. (See cut.) Matures quickly, large size and handsome appearance; crisp and tender. Forms a loose cluster of leaves which are bright green and crimped at the edge. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Big Boston. Resembles Boston Market, but nearly twice as large; desirable for forcing and spring and fall outdoor planting. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

May King. (See cut.) Very hardy, and stands cold damp weather. May be planted out of doors or under glass. The outer leaves are yellowish-green, tinged with brown, while inside is rich golden yellow. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Early White Cabbage (*White Butter Lettuce*). Good for fall sowing, as it is nearly hardy and requires but little protection. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Mammoth Salamander. A large and rich buttery Cabbage-heading variety. Color light green; an excellent intermediate variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



LETTUCE—Continued

COS LETTUCE, or ROMAINE SALAD

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality and delicate flavor.

Trianon Self-folding Cos. (See cut.) This is the Lettuce that is served at the best hotels and restaurants under the name of "Romaine Salad." It differs from ordinary Lettuce by the shape of the leaves, which are elongated, spoon-shaped and very crisp. It is grown in the same manner as Cabbage Lettuce, but does not make a solid head. The seed should be sown early in the spring in good soil, and when plants have three leaves thin out to stand about four inches apart in the row, and when plants are of a sufficient size the leaves should be drawn together and tied, in order to blanch the inner ones. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Kingsholm Cos. Forms long, upright plants with narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Paris White Cos. Plants erect, leaves pale green and of good quality, which it retains for a long time. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

HERB SEEDS

CULTURE.—Sow early in spring in shallow drills, 1 foot apart; when up a few inches thin out or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor to dry. Those marked with a * are perennial.

Anise. For garnishing and flavoring; also in making cordials.

Pkt., 10 cts.; oz., 30 cts.

***Balm.** Lemon-scented and is used in making Balm tea and wine. Pkt., 10 cts.; oz., 40 cts.

Basil, Sweet. The stems and seeds are used in soups and sauces. Pkt., 10 cts.; oz., 30 cts.

Bene. Used medicinally. Pkt., 10 cts.; oz., 35 cts.

Borage. Excellent for bees. Pkt., 10 cts.; oz., 25 cts.

Caraway. Used in bread, etc. Pkt., 10 cts.; oz., 30 cts.

Castor Oil Bean. Used for medicine and ornamental bedding plants. Pkt., 5 cts.; oz., 20 cts.

***Catnip.** For medicinal purposes, and relished by cats, who roll in it with great delight. Pkt., 10 cts.; oz., 60 cts.

Chamomile. Plants only, see page 118.

Coriander. Seeds are aromatic. Pkt., 10 cts.; oz., 25 cts.

Cumin. For pigeons. Pkt., 10 cts.; oz., 25 cts.

Dill. Used for making Dill pickles and the seeds are used for seasoning. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

***Fennel, Sweet.** For salads, etc. Pkt., 10 cts.; oz., 25 cts.

***Horehound.** Has a bitter flavor and is used in cough medicines. Pkt., 10 cts.; oz., 50 cts.

***Lavender.** For perfuming linen. Pkt., 10 cts.; oz. 50 cts. For Plants, see page 118.

***Pennyroyal.** Pkt., 25 cts.; oz., \$1.25. For Plants, see page 119.



***Peppermint.** Pkt., 25 cts. For Plants, see page 119.

***Rosemary.** Pkt., 10 cts.; oz., 50 cts. Plants, see page 119.

***Rue.** For roup in fowls. Pkt., 10 cts.; oz., 50 cts.

***Saffron.** Used for flavoring. Pkt., 10 cts.; oz., 40 cts.

***Sage.** Leaves used for seasoning meats, etc. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00. For Plants, see page 119.

***Savory, Summer.** Leaves and shoots are used for flavoring. Pkt., 10 cts.; oz., 50 cts.

***Savory, Winter.** Pkt., 10 cts.; oz., 50 cts. Plants, see p.119.

Spearmint. Plants only, see page 119.

***Sweet Marjoram.** Leaves used green in summer and dried in winter for flavoring. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

***Tansy.** Pkt. 10 cts.; oz., 40 cts. Plants, page 119.

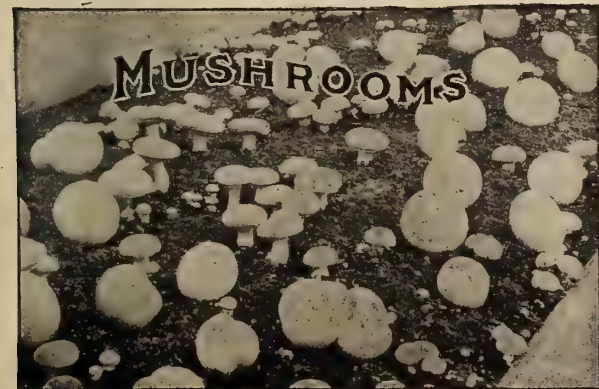
Tarragon. Plants only, see page 119.

***Thyme, Broad-leaved English.** Pkt., 10 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50. For Plants, see page 119.

Thyme, French Summer. Used for seasoning, and attractive to bees. Pkt., 10 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

***Wormwood.** Used medicinally. Pkt., 10 cts.; oz., 50 cts.

DREER'S RELIABLE



MUSHROOM SPAWN

English Milltrack Spawn. A splendid make of English Spawn which gives excellent results, producing large crops of Mushrooms. It is made with great care and is full of live "mycelium." It is made in bricks, of about $1\frac{1}{4}$ lbs., and each brick is sufficient for 8 square feet of bed. Per brick, 25 cts. (by mail, 35 cts.); by express, 12 bricks, \$2.75; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$12.00.

Pure Culture Spawn. An American make of spawn, which produces Mushrooms of excellent quality and large size, this being due to the fact that the spawn is obtained by a process of inoculation; only large and vigorous specimens of Mushrooms being used for the purpose. *Direct Bricks*, inoculated direct from pure cultures. Per brick, 35 cts. (by mail, 45 cts.); by express, 5 bricks, \$1.60; 10 bricks, \$3.00; 25 bricks, \$7.00; 50 bricks, \$13.00; 100 bricks, \$24.00.

Dreer's Mushroom Circular free on application. Tells how to prepare the Mushroom bed and take care of crop. If interested in growing Mushrooms, write for a copy.

Melon Muscade, Fr.

MUSKMELONS

Melon Almizcleon, Sp.

One ounce will plant about 50 hills; 2 to 3 lbs. in hills per acre

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.



Burrell's Gem. (See cut.) Skin is rather dark green and rind thin, leaving a thick lining of salmon flesh, which is of most delicious, juicy flavor, and fairly melts in the mouth. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Fordhook. An extra early salmon-fleshed variety, very attractive and of delicious flavor. Medium size, heavily netted and thick, juicy flesh. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Emerald Gem. A small, very early Melon; flesh salmon-colored and flavor is exceptionally fine. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Miller's Cream, or Osage. Large and round, with light green, netted skin, and thick, sweet, salmon-flesh. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Defender. Medium size, salmon flesh and delicious flavor; oval shape, covered with slight netting. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Mango, or Vegetable Orange. Size and shape like an orange and used for preserving. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Netted Rock. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Hoodoo. (See Specialties, page 7.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Bush Muskmelon. (See Specialties, page 7.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Honey Dew Melon. (See Specialties, page 8.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Rocky Ford Improved. (See cut.)

This Melon is of the Netted Gem type, oval in shape and beautifully netted. Melons about five inches in length, and have a delicious flavor; flesh is smooth and light green color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Delicious Gold Lined. The melons are same size as "Rocky Ford," but run more uniform in size and shape. The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Netted Gem. One of the earliest small Melons. Light green, tinged with yellow, and of very fine flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Jenny Lind. The earliest variety; small size and excellent flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Montreal Market. Largest of the nutmeg varieties; flesh green. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Extra Early Hackensack. Melons grow to large size, are deeply ribbed and covered with coarse netting, making an attractive appearance. Skin green, turning yellow when Melons mature; flesh green, very sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Tip Top. Medium sized, nearly round, with shallow netting on skin. Flesh is deep yellow and has a rich flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

IMPORTED MUSKMELONS FOR FORCING

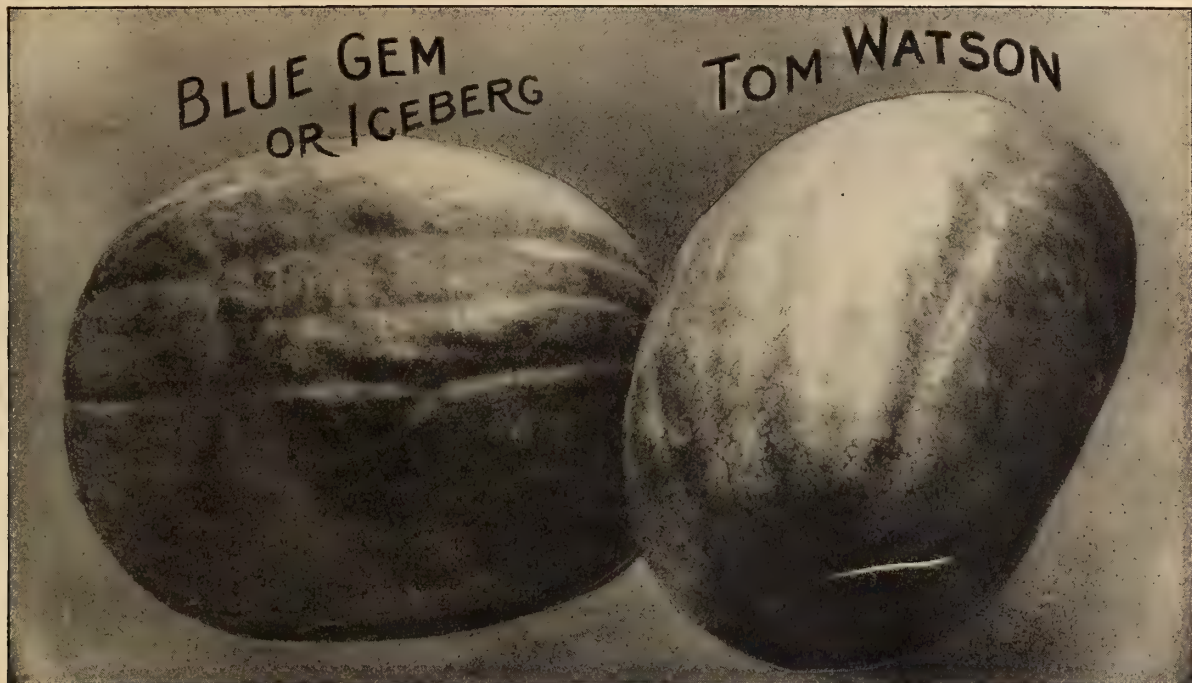
Blenheim Orange. A favorite variety; scarlet flesh, good flavor and very prolific. Pkt., 25 cts.

Windsor Castle. Green flesh, oval shape, finely netted, delicious flavor. Pkt., 25 cts.



BLUE GEM
OR ICEBERG

TOM WATSON



Melon d'eau, Fr.

WATERMELONS

Zandia, Sp.

One ounce for 30 hills; four to five pounds for an acre

CULTURE.—See directions given under Muskmelons. Watermelons, however, are slightly less subject to “bug” depredation and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.

Yellow Ice Cream. (See Specialties, page 8.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Harris' Earliest. This excellent Watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Cole's Early. An early variety. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Blue Gem, or Iceberg. (See cut.) An excellent variety, which is similar in shape to the well-known Kolb's Gem, but has darker skin. The Melons grow to large size. The heart is large, and flesh, a beautiful shade of pink, darker than Kolb's Gem, extends close to the outer skin and is of sweet flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Kolb Gem. Of a delicious sugary flavor, bright red flesh. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Dixie. A cross of Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness and shipping qualities, and fully equaling the latter in quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Alabama Sweet. A large and attractive Melon which is oblong in shape, early in maturing, and very sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Ice Cream. Skin mottled gray, flesh pink. Very solid and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Dark Icing. Very solid, rind thin, and highly prized as a shipper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Mammoth Ironclad. Large size, solid and delicious flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Monte Cristo, or Kleckley Sweets. Very large, oval shape, skin dark green and somewhat mottled. The rind is thin, but hard, and the flesh is extremely sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Tom Watson. (See cut.) A large oblong Melon, the skin of which is dark green, with netting all over. It originated in Georgia, a State noted for producing fine Watermelons, and this new variety is a good example of what a first-class Watermelon should be. The rind is thin, but tough, and the flesh a bright, attractive red color, of a delicious, sweet and satisfying flavor. Its appearance and quality strongly recommend it both for home use and for market. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Sweet-Heart. Vine vigorous and productive. Oval shape, flesh bright red, solid and very tender, melting and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Colorado Preserving Citron. Excellent for making preserves. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

MARTYNIA

Culture.—The seedpods are used for pickling when gathered young and tender. Sown in open ground in May in hills 3 feet apart each way, or in a hotbed, and afterwards transplanted. If once planted in the garden voluntary plants are likely to spring up the following year from scattered seeds.

Martynia Proboscidea. Large size, with long horns. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Montarde, Fr.

MUSTARD

Mostazo, Sp.

One ounce will sow 100 feet of drill

Culture. A small, pungent salad used like cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings can be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.

White London. Leaves dark green, small and smooth. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Chinese. Large, light green leaves, frilled at edge. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DREER'S CHOICE ONION SEED

Ognon, Fr.

Cebolla, Sp.

One ounce of Onion seed for 200 feet of drill, 4 to 5 pounds for one acre

CULTURE.—For early green or bunching Onions, sow seed of Silver Skin or other hardy white varieties in early August in well prepared and well drained rich, loamy soil, giving 1 foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well drained and well manured piece of land, prepare a perfect seed bed, and sow seed in early spring in drills 15 inches or so apart, using 4 to 5 pounds of fresh seed per acre. Use wheel-hoe and weeders freely and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select a clean sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills, 12 inches apart, and about 2 inches apart in the drill. By sowing seed of the Spanish type, such as Prizetaker and Southport Globes, under glass in January, February or March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.



Southport Yellow Globe. A large globular shaped yellow variety, very productive, of mild flavor. This is also a favorite variety with the onion growers, and is planted in large quantities each year. The outer skin is an attractive pale yellow; the bulbs are of a beautiful globe shape, and good keepers. The color and shape of this onion shows up to advantage when offered in the market and it always sells rapidly at highest prices and to the most critical buyers, particularly those grown from our seed, which may be relied upon to produce Onions of fine shape and excellent quality. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Prizetaker. This is the large pale yellow Onion that is offered for sale in the fruit stores and markets in the fall and sold as "Spanish Onions." It grows to a large size, has straw-colored skin and the flesh is white, of a mild and delicate flavor. The large Onions are raised the first year from seed, and with ordinary culture produce enormous crops. The Onions sometimes go over 3 lbs. each in weight where good soil and culture is given them. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Gigantic Gibraltar. A large Onion, somewhat on the order of "Prizetaker," both in shape and size of bulb. The plant makes a very healthy growth, which enables it to withstand bad weather, and the Onions continue to grow in size for a long season, and when thoroughly matured they are very large and handsome, globe-shaped, with light straw-colored

Ideal Yellow Globe. (See Specialties, page 9.) Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.50.

Yellow Globe Danvers. (See cut.) A standard sort which makes a healthy growth and is very productive. It grows to a medium size and the skin is light yellow, while the flesh is white, very mild, of good flavor and keeps well for use during the winter. Onion growers throughout the country prefer this type of Onion to all others, and it is with this in view that the bulbs from which our seed is grown are specially and carefully selected as to shape, which is the true globe, not like the flat variety of Danvers. This Onion is suitable for all sections and will prove satisfactory wherever used to produce full sized Onions during the first season's growth. It is the best paying Onion that is grown for general crop, and has been the leading variety for years. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Philadelphia Yellow Dutch. A good keeper and well flavored. Bright straw-colored skin and somewhat flattened shape. It is an early variety and the Onions grow to a good size and are very mild in flavor. This variety is largely grown for sets on account of its excellent keeping qualities and splendid shape. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

skin and white flesh, which is of a mild flavor. Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.50.

Large Red Wethersfield. A popular variety of Onion which is extensively grown in sections where the red-skinned Onion is in demand and is largely grown in the Eastern States, both for market and in the home garden. It will grow to full size the first season from seed, and the Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong flavored and an excellent keeper. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Extra Early Red. This variety is earlier than the Wethersfield and somewhat smaller, close-grained and a good keeper. The Onions are flat in shape, grow very uniform and have a skin of purplish-red color; flesh white and somewhat strong in flavor. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Southport Red Globe. The deep red color of skin and symmetrical form of this Onion make it very attractive. It grows to good marketable size the first season, and is true globe-shape. The skin is smooth and flesh white, with a tinge of light purple and is mild; not so much so, however, as the White Globe, but it is an excellent keeper. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

DREER'S CHOICE ONION SEED—Continued

Southport White Globe. (See cut.)

Pure white color, and of very mild flavor, also equally as good for keeping as the Yellow Globe. Excellent for use as a medium crop, but most valuable when grown for the main crop, as the flesh is remarkably firm and solid. It is an enormous yielder, and as it is very attractive, always sells at high prices. It is best to dry these onions in a shady place and give them plenty of air. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.55; lb., \$5.50.

White Portugal, or Silver Skin.

One of the leading white sorts, beautiful shape and mild flavor. The bulbs are flat in shape and mature early. It is a splendid variety for the market gardener, and is largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. It is also extensively used as a pickling onion, for which purpose it is well adapted. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.55; lb., \$5.50.

Mammoth Silver King. Produces

Onions of extremely large size. It is flat in shape, and specimens have been grown to weigh as high as four pounds and measure four to five inches across. The skin and flesh is white and quite tender. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

White Queen, or Barletta. A rapid-

growing variety and of mild flavor; pure white, small, and used as a pickling Onion, for which purpose it is very good. Pkt., 10 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$1.90; lb., \$7.00.



CHOICE ONION SETS

Prices subject to market changes

If by Parcel Post add as follows: To points East of the Mississippi River, 10 cts. quart; West of the Mississippi River, 20 cts. quart.

Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the row. 1 quart will plant 100 feet.

	PER QT.	4 QTS.
White Onion Sets.....	\$0 40	\$1 40
Yellow Onion Sets.....	35	1 20
Red Onion Sets.....	35	1 20
White Potato (Multiplier).....	40	1 40
Yellow Potato Onions.....	40	1 40
Shallots.....	50	1 80
Garlic.....	70	2 60

Chives. (See Vegetable Plants, page 118.)

When larger quantities of Onion Sets are desired, write for prices.

OKRA, OR GUMBO

Gombaud, FR.

Quimbombo, SP.

Culture.—This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills. Culture otherwise much like corn.

Perkins' Long-Pod Okra. An exceedingly handsome variety of Okra. The pods grow 4 or 5 inches in length and are very tender, long, slim and of a beautiful deep green color. The habit of growth of plant is dwarf, and it is very productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Dreer's Little Gem. Makes a stocky growth of plant and is very productive. The pods are long, slender and of a light green color. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Improved Long Green. (See cut.) An old-time favorite; very productive and bears long pods, which are of good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

White Creole (White Velvet). Pods free from ridges and very tender. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.



*Persil, Fr.***PARSLEY***Peregil, Sp.*

CULTURE. Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and $\frac{1}{2}$ -inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar. **One ounce of seed for 150 feet of drill.**

**Dreer's Dwarf Perfection.** (See cut.)

A compact variety, with fine curled leaves. Color bright pea-green, and the flavor surpasses all other varieties of Parsley. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50. For Plants see page 119.

Dreer's Summer Green. Especially adapted for summer. It is a strong and vigorous grower, and produces large, finely curled leaves of beautiful dark green color. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Dwarf Extra Dwarf Perpetual. Leaves tender, crimped and very curly, of a bright green color. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Champion Moss Curled. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Half Curled. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Fern Leaved. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Plain. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Turnip-rooted Parsley. The fleshy root resembles a parsnip. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

*Piment, Fr.***PEPPER****One ounce of seed for 1000 or 1500 plants.**

Culture. Sow seed in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way, and when the weather has become thoroughly settled in spring and danger from belated freezes is over transplant to open ground in warm, very rich and well-prepared soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in the rows. The large, sweet sorts have become very popular and are always in large demand.

Pimiento. (See Specialties, page 8.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25.

Chinese Giant. (See Specialties, page 9.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Ruby King. (See cut.) Fruits are about four inches long, flesh thick and mild, color dark green while young, turning to bright red when ripe. Excellent for mangoes and pickling. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25. For plants, see page 119.

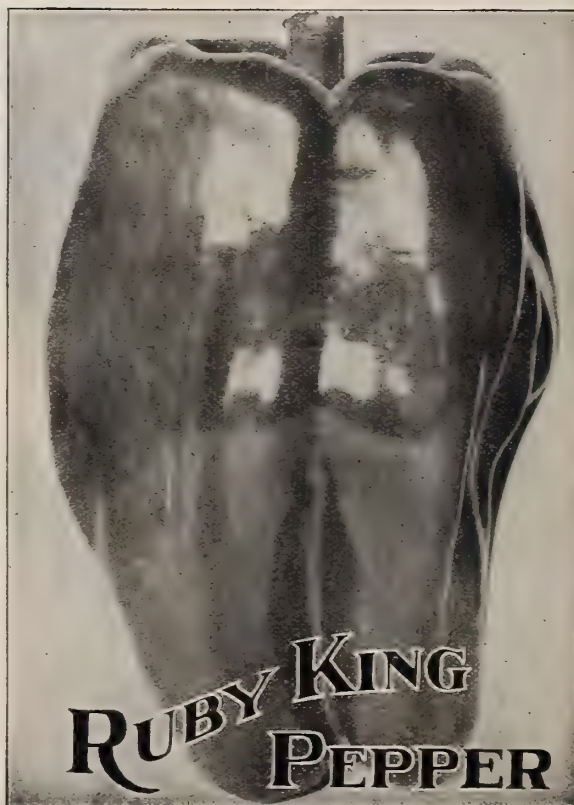
Ruby Giant. A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Giant Crimson. Upright growth, very vigorous and produces fruits nearly as large as "Chinese Giant." It ripens early and when matured, the Peppers are deep crimson and flesh very mild. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Large Bell or Bull Nose. Large early variety, mild flavor. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00. For plants, see page 119.

	PKT.	OZ.	$\frac{1}{4}$ -LB.
Long Sweet Spanish	\$ 10	\$ 60	\$ 2.00
Neapolitan	10	75	2.25
Long Red Cayenne (Plants, page 119)	10	60	2.00
Small Chili	10	60	2.00
Golden Dawn	10	60	2.00
Red Cherry	10	60	2.00
Celestial	10	60	2.00
Red Japan Cluster	10	60	2.00
Tabasco	10	80	2.50
Creole, or Bird's Eye	10	80	2.50

PEPPER PLANTS. (See page 119.)

*Pimiento, Sp.*

Pois, Fr.

GARDEN PEAS

Chicaros o Ginsantes, Sp.

One pound will plant about fifty feet of drill

CULTURE.—Peas of extra early smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarf sorts of the American Wonder type will succeed only on the very richest garden land, and may be planted in rows a foot apart.

Material for inoculating Peas will be found offered on page 224

PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River, 7 cts. per pound.

To points West of Mississippi River, 12 cts. per pound.

Packets of all varieties of Peas, 10 cts. each.

EARLY VARIETIES

Dreer's Electric Extra Early. (See Specialties, page 10.)

Market Surprise. (See Specialties, page 9.)

Dreer's Eureka Extra Early. We have been improving this Pea for years, and now have a very choice strain. The vines make a vigorous growth and pods mature evenly and at a very early season; height 20 inches. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If by Parcel Post, add as stated at top of page.) lb., \$3.00.

Alaska. An extra early round Pea, pods of a dark green, height 2 feet. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$2.75.

Gradus, or Prosperity. (See cut.) This splendid variety combines the finest quality with extreme earliness, and is also very productive. Grows vigorous and healthy; vines about 3 feet in height, bearing pods fully as large as Telephone, and which are well filled with beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious, and a valuable feature with the "Gradus" is that the Peas remain tender and sweet for a long time after having been picked from the vines. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$4.00.

Thomas Laxton. An early variety of large-podded Pea, which is very hardy and strong grower, producing pods in abundance, and the quality is delicious. This variety will mature as early as many of the smooth extra early Peas; height 3 feet. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$4.00.

American Wonder. A very fine extra early wrinkled variety, well suited for the private garden. It is productive, very sweet, and one of the earliest dwarf-wrinkled Peas; height 1 foot. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.00.

Nott's Excelsior. An improvement on American Wonder, being fully as early and the pods are larger, measuring nearly three inches. Desirable for market and home use; height 14 inches. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.00.

Premium Gem, or Little Gem. A fine dwarf-wrinkled variety. Vines grow 18 inches high and pods are borne on both sides of stalks, beginning near the ground and producing large crops. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.00.

Surprise Pea. This Pea is one of the earliest and sweetest of the wrinkled sorts. Vines grow about 2 feet high and are enormously productive. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.00.





GARDEN PEAS—(Continued)

GENERAL LATE CROP

Potlatch. (See Colored Plate and page 8.)

Dwarf Champion. (See cut.) A splendid dwarf variety which is very hardy, productive and of fine quality. Has less vine and produces larger pods than Champion of England; height, 2 feet. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.50.

Everbearing. A first-class Pea for summer and autumn use. Pods 3 to 4 inches long, and contain 6 to 8 Peas of a rich flavor; very sweet and tender; 2½ feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Champion of England. This popular old-time wrinkled variety is still largely used on account of its rich flavor; 5 feet. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated on this page); 10 lbs., \$3.50.

Yorkshire Hero. The pods are medium in size and are well filled with large Peas, which remain in good condition for a long time; 2 feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated on this page); 10 lbs., \$3.00.

Pride of the Market. A dwarf Pea of vigorous habit in growth. The pods are large, of a medium green color, and contain 7 to 9 Peas of a fine quality. Grows 2 feet high and does not need support. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$4.00.



PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows: To points East of Mississippi River, 7 cts. per pound. To points West of Mississippi River, 12 cts. per pound.

Packets of all varieties of Peas, 10 cts. each.

SECOND EARLY AND

MEDIUM VARIETIES

Senator. (See cut.) Peas fit to pick in about sixty-one days, pods about 4 inches long, curved and rich dark-green color, well filled with medium size, green, wrinkled peas, which are very sweet and tender. These are the qualities which recommend this second early Pea to every one who has a garden. The vines grow about 2½ to 3 feet in height, and when given proper support will yield an enormous crop of the extremely large pods. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.50.

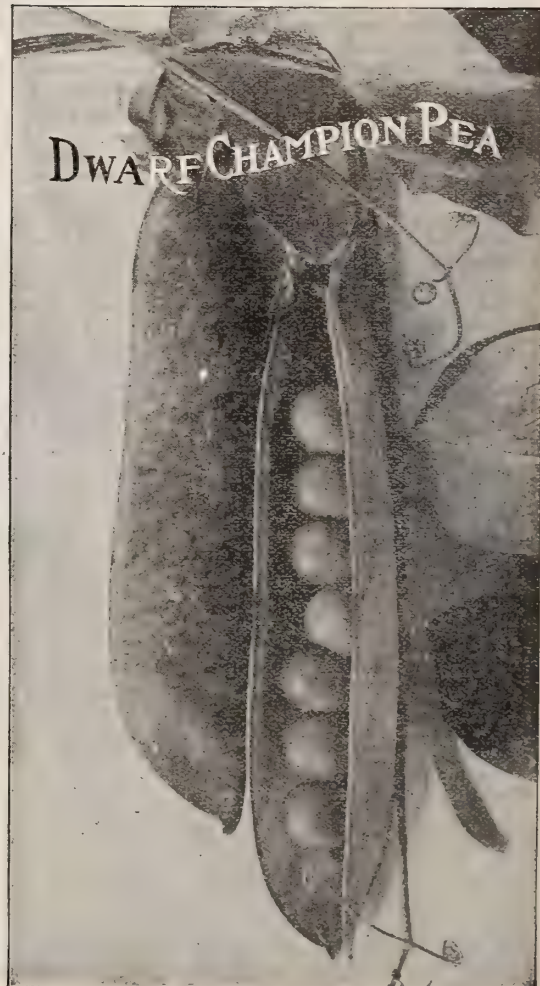
Abundance. Pods contain 6 to 8 wrinkled Peas, and ripen about one week after the earliest kinds; height, 1½ feet. By express or freight, at purchaser's expense, 1 lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Advancer. Prolific, well filled, long pods, tender and delicious flavor; 2 feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Shropshire Hero. Produces long, handsome, well-filled pods in great abundance; 2½ feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Long Island Mammoth, or Telegraph. A very productive late variety; 4 feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Heroine. A medium early green wrinkled Pea; pods large and well filled; height, 2 to 2½ feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.



GARDEN PEAS—Continued

Packets of all varieties of Peas, 10 cts. each.

Telephone. (See cut.) A large podded variety of Pea for general crop. The vines are very strong in growth and average 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 Peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor. A valuable feature of this variety is that it continues in bearing for an extremely long time; height, 3½ feet. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$3.50.

Carter's Daisy, or Dwarf Telephone. This is a Dwarf variety, bearing large, handsome pods like Telephone; height, 18 inches. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$4.00.

Improved Stratagem. Pods of immense size, filled with very large dark green Peas of the finest quality. The vines make a sturdy growth, and are well filled with the large, handsome pods; height, 18 inches. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$3.50.

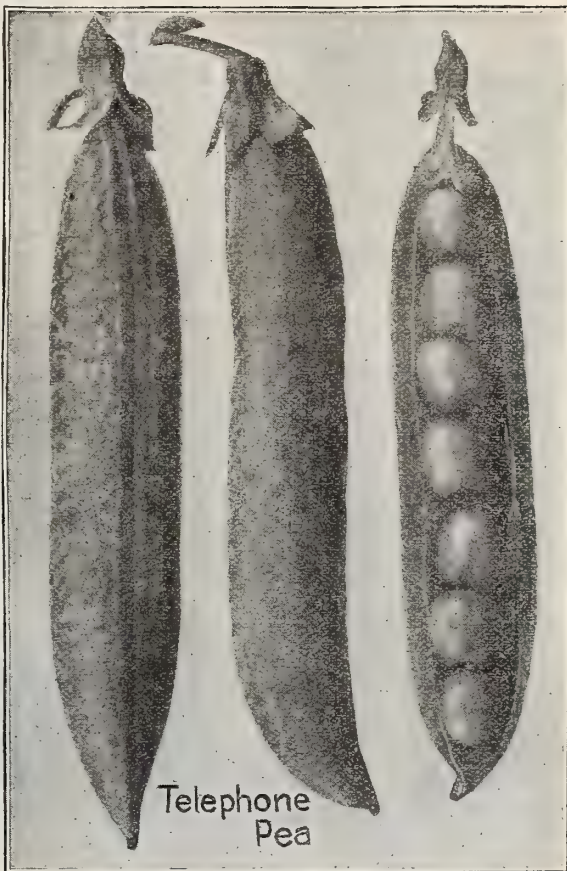
Large White Marrowfat. Height, 5 feet. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$2.75.

Black-eyed Marrowfat. Height, 4 feet. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$2.75.

French Canner (Petit Pois, or Small French Pea). Very prolific, with long, slim pods, containing from 7 to 10 Peas; 3 to 3½ feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$3.00.

Melting Sugar. The pods grow 5 to 6 inches long, and are cooked with the Peas. Height, 5 ft. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$4.00.

FIELD PEAS. (See page 49.)



Panaïs, FR.

PARSNIP

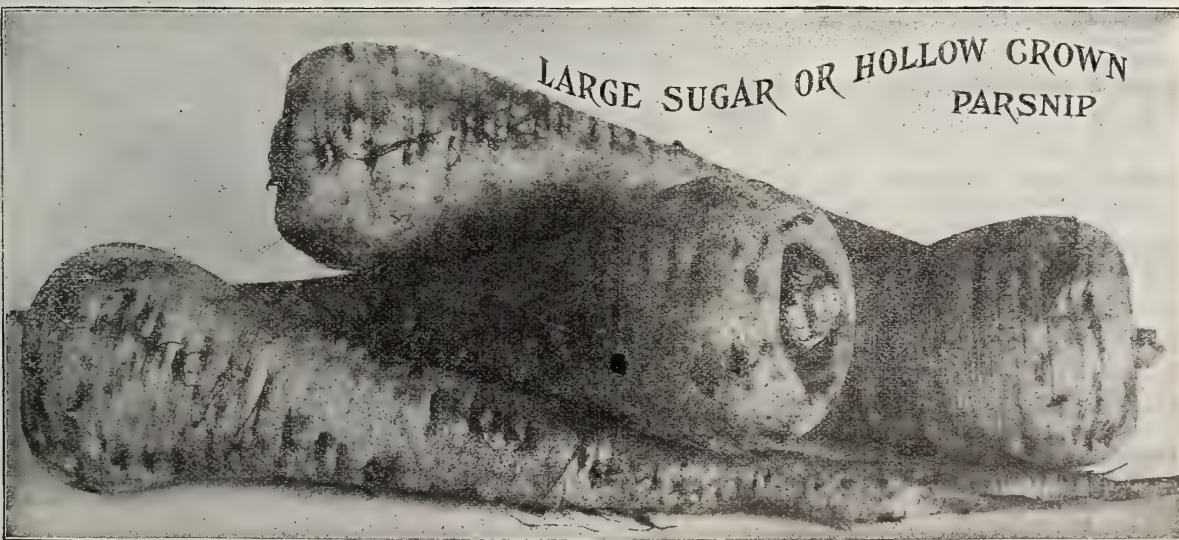
Chirivia, SP.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre

Culture. Sow as early in the spring as the weather will admit in drills 18 inches apart and 1½ inches deep, in a rich deep soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs.

Student, or Guernsey. A long smooth variety which grows uniform in shape, and is of excellent quality, being tender and sweet. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., \$2.25.

Large Sugar, or Hollow Crown. (See cut.) The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. This strain was made by careful selection of roots growing to an ideal shape and having the distinct hollow crown. We have been improving it for some years past, and now have it nearly perfect, the roots growing uniform in size and shape, making a very attractive appearance and especially desirable for market gardeners' use. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., \$2.25.



Pomme de Terre, Fr.

POTATOES

Patatus, Sp.

Culture.—Any good well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate up to 1000 pounds per acre, if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each one containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. **8 to 10 bushels will plant an acre.**

IMPORTANT.—Prices of Potatoes are subject to market changes. Potatoes are forwarded in sacks, by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, which are shipped strictly on purchaser's responsibility.



	PECK	BUSH.	SACK
Beauty of Hebron.....	85	\$3.00	\$8.00
Carman No. 1 and 3, each.....	85	3.00	8.00
Sir Walter Raleigh.....	85	3.00	8.00

SWEET POTATO PLANTS, SEE PAGE 119.

Dreer's Early Standard. (See cut.) An extremely early variety, which matures fully one week ahead of the Bovee. The plants are of dwarf, compact habit in growth, strong and healthy, and it usually produces a large crop of smooth Potatoes, which are roundish in shape, beautiful white skin, very smooth and few eyes. Peck (15 lbs.), 95 cts.; bu. (60 lbs.), \$3.40; sack (165 lbs.), \$9.00.

Irish Cobbler. One of the first varieties of Potatoes to be ready for use. The skin is creamy white, sometimes netted, which is an indication of good quality; eyes are strong, well developed, and but slightly indented. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Bovee. Earlier than Early Rose and much more productive. The vine is dwarf, skin pink, and the quality is all that could be desired. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Early Rose. Shape long and good size. It cooks mealy and is of good flavor. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

White Star. A medium early variety, large, oblong and productive. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Rural New Yorker No. 2. A valuable variety of large size, very smooth. It is a great cropper and keeps well. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

State of Maine. Medium early, splendid flavor, cooks dry, is a good keeper and very productive. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Potiron, Fr.

PUMPKIN

Calabaza, Sp.

Culture.—Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing or hybridizing with squashes or other vines. **One ounce for 25 hills, 3 pounds for an acre.**

Mammoth Golden Cashaw. (See cut.) An improvement on the old Cashaw Pumpkin, the skin being golden-orange color. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 70 cts.; lb., \$2.25.

Sugar, or New England Pie. For making pies this variety cannot be excelled. The Pumpkins are small but very sweet and fine-grained. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., \$2.00.

Winter Luxury Pumpkin. A splendid pie Pumpkin, round, skin finely netted. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., \$2.00.

Large Yellow Mammoth Potiron (King of the Mammoths, Jumbo). Specimens have been grown weighing over 100 pounds. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 75 cts.; lb., \$2.50.

Quaker Pie Pumpkin. Fine-grained oval-shaped and rich flavor; keeps well. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., \$2.00.

Large Cheese. Flesh yellow and sweet. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., \$1.50.

Tennessee Sweet Potato. Pear-shaped. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., \$2.00.

Large Yellow Field. Oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25. By express, 10 lbs., \$10.00.



RADISH

Radis, Rave, Petite Rave, Fr.

Rabana, Sp.

One ounce of seed will sow 100 feet of drill

CULTURE.—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or frames the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler Autumn weather. Take them up before severe freezing and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.

New Perfection. (See Colored Plate and page 8.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Crimson Giant. (See Specialties, page 10.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Earliest White May. (See Specialties, page 10.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Cardinal Globe. (See cut.) Those who like the crisp little red Radishes that come so early will be pleased with this variety. The Radishes grow globular in shape, and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore it is a quick forcer, and the quality is fine, being crisp and tender. It is by far the best variety for forcing, and also does well in open ground, thus making it an extremely valuable and desirable sort for planting in the home garden and for market gardeners' use. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

French Breakfast. A very attractive early variety, which is of an oblong shape, mild and tender. The skin is a lively pink in color on the upper portion, but lower part is pure white. It makes rapid growth and has a small top, which makes it desirable for forcing. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Early Scarlet Turnip. Small top, quick growth, mild and crisp. Largely used for early planting in open ground. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



Dreer's Crimson Ball. A dainty little Radish which is of mild flavor; skin bright red, flesh tinged with red. It forms the root very rapidly and is ready for use in a short time, and the rich color of the skin is a striking feature. The quality is excellent, the flesh being tender and juicy, which qualities it retains for some time. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Round Red Forcing. (See cut.) One of the earliest and best of the early red Turnip varieties. Very short-leaved, small top, color of skin dark red, flesh white and of good quality. It grows rapidly and is well adapted to forcing and also suitable for growing outdoors. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

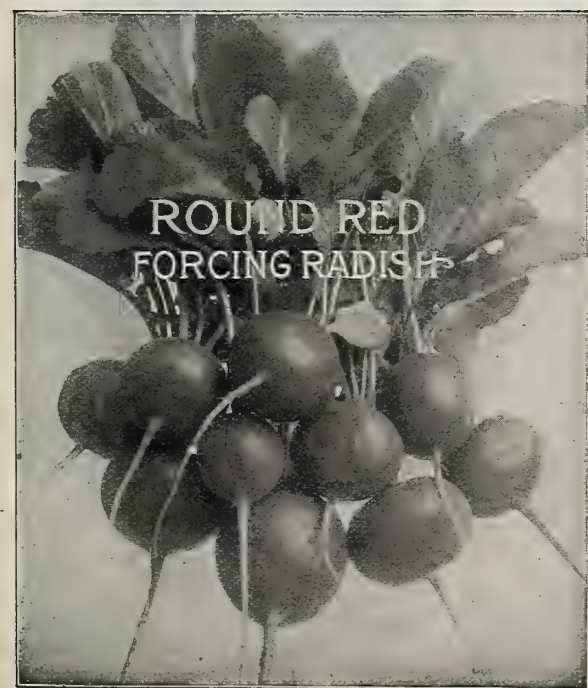
White-tipped Scarlet Gem. Leaves short and excellent for forcing; color bright scarlet with white tip. It is a very handsome variety and an exceedingly rapid grower, therefore should be used early before it becomes hollow in the centre. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Cincinnati Market. An extra early variety of the Long Scarlet type; of a clear bright red color and grows to large size. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

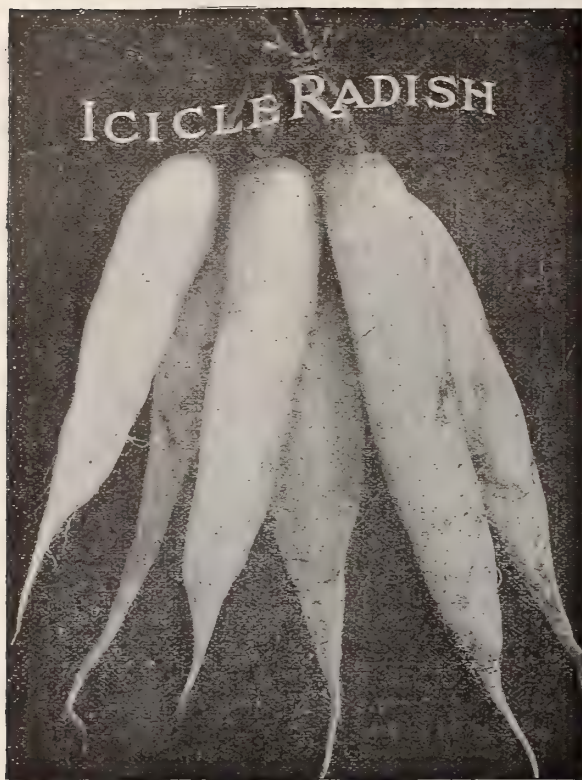
Long Scarlet Short Top. Long, bright scarlet, with small top. The roots grow partly out of ground. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Dreer's Crystal Forcing. Of remarkably quick growth, beautiful shape; small top. A very desirable and shapely Radish, in fact, we consider it superior to any other round white forcing Radish. Compared to such white sorts as White Box, Round White Forcing, etc., it is far superior, both as to quickness of growth and fine quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Philadelphia White Box. A good turnip-shaped variety, which may either be grown in the garden or under glass. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



RADISH—Continued



SUMMER RADISHES

Icicle Radish. (See cut.) This variety is of great value, as it can be used for summer or grown in forcing frames, and makes fine radishes which measure from four to five inches long and half inch to three-quarter inch thick. It matures earlier than any other long white radish and is exceedingly attractive, being pure white, almost transparent, and very tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Dreer's White Delicacy. A very attractive Radish which is especially adapted for summer growing, as it stands hot weather well. It grows rapidly and may be used while small, when it is very solid and crisp, in which condition it remains for some time while growing. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Beckert's Chartier. Long crimson, shaded white. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Long White, or Lady Finger. Skin and flesh are pure snow-white; crisp and of rapid growth. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

WINTER RADISHES

White Chinese, or Celestial. One of the best winter Radishes; stump-rooted, and even when extremely large the Radishes are solid, crisp and of a mild flavor; skin pure white and Radishes may be used at all stages of growth. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Scarlet China. Bright rose color. Flesh, white, crisp and pungent. Pkt. 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Round Black Spanish. Excellent for winter use. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Long Black Spanish. Long in shape, of good flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Long White Spanish. Good flavor and keeps well. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Rhubarb, Fr. **RHUBARB** Ruibarbo, Sp.

One ounce of seed to 125 feet of drill

Culture.—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better stalks. For winter forcing take up two-year roots in fall, leave out to freeze, then bed close together on cellar bottom or under greenhouse bench in the dark.

Linnaeus. Early, large, tender and very fine. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Victoria. Very large, the finest cooking variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

(For Rhubarb Roots see page 119)

Salsifis, Fr. **SALSIFY** Ostion Vegetal, Sp.

or VEGETABLE OYSTER

One ounce for 50 feet of drill

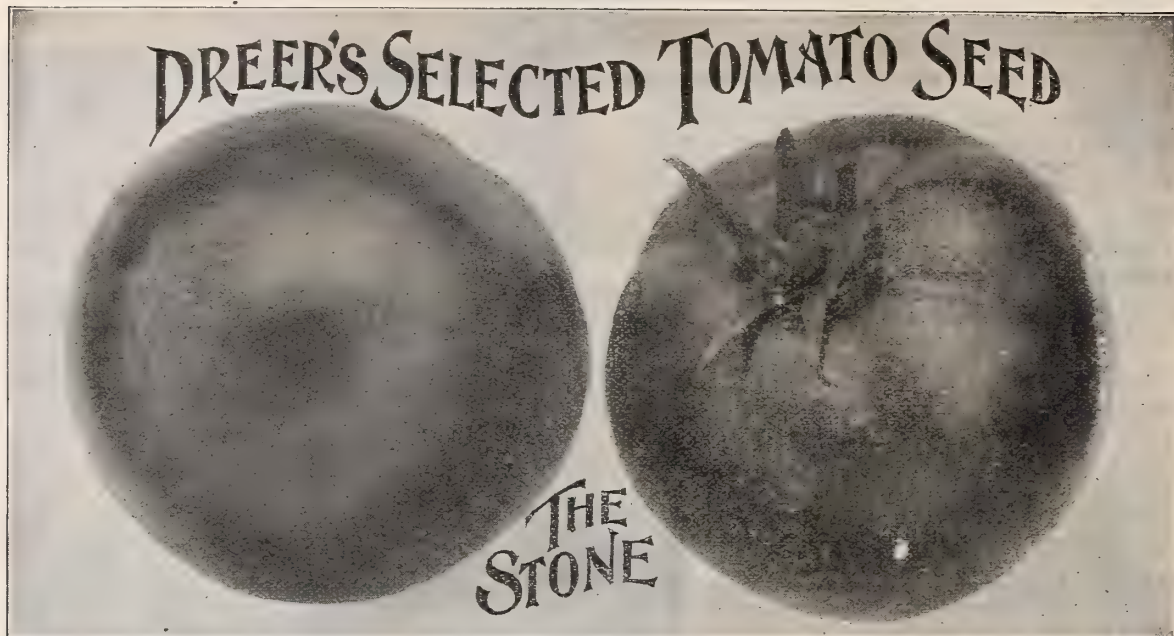
Culture.—Used the same as carrots, or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots or parsnips; it is hardy; can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during winter. Succeed best in light, well-enriched mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep; thin to 6 inches in rows.

Mammoth Sandwich Island. (See cut.) This variety of Salsify grows to a very large size and resembles a good-sized Parsnip. It is very mild and delicately flavored, and very popular. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.; lb., \$4.50.

Long White. A favorite market variety and fine flavored. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.15 cts.; lb., \$4.25.

Long Black, or Scorzonera. Resembles above, but black. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.





Tomato, FR.

Tomato, SP.

CULTURE.—For first early Tomatoes select varieties of the earliest types, and start the plants under glass during February. When plants are 2 inches high, transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted to open ground without disturbing their roots, and will continue to bloom and fruit without check. Set these sorts 4 feet apart each way in warm, mellow soil of fair fertility as soon as danger from belated frost is past. For main crop, the plants can be started somewhat later, in hotbed or cold frame, once transplanted to keep them stocky, and then set in open ground in fairly warm soil, 5 feet apart each way. Applications of superphosphate, or of some good complete (vegetable) fertilizer often have a very happy effect on Tomatoes in hastening maturity and increasing the yield. **One ounce of seed will produce from 3,000 to 4,000 plants.**

Bonny Best. (See Colored Plate and page 9.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

John Baer. (See Specialties, page 10.) Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Comet. (*Forcing.*) An excellent variety for forcing. Fruits medium size, rich scarlet, good quality and produced in clusters. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Lorillard. (*Forcing.*) A good sort for forcing under glass as well as for out-door culture; bright red, smooth, early. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Early Detroit. The vines make a stronger growth than most other early sorts and continue bearing throughout the season. Medium to large size, nearly round, skin purplish-pink, smooth, solid and of excellent flavor. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Spark's Earliana. An extra early and productive variety. Fruits smooth and bright red. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

June Pink. This is really a pink "Spark's Earliana," as it resembles that variety in every way except the color, which is pink. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Dwarf Champion. An early and distinct variety, medium in size, plant of dwarf and compact growth. Color purplish-pink. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Paragon. A fine early variety. Fruit deep red, solid and smooth as an apple. A good Tomato either for slicing or canning. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Favorite. Large size, ripens evenly and early; very prolific, good flavor. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Acme. Medium uniform size, round, very solid, of a pinkish color. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Beauty. Rich glossy crimson, with a slight purple tinge; large size, very smooth, solid and productive. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Matchless. A large, bright red Tomato, very solid and meaty. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Trophy. An old-time favorite. Large size, smooth, solid and excellent flavor. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

The Stone. (See cut.) Fruit very large and deep, bright scarlet, smooth, ripening evenly to the stem and exceedingly solid and firm-fleshed. The Tomatoes are heavy and thick-meated, making it a valuable variety for family use and for canning purposes. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25. For Plants, see page 119.

Dwarf Stone. This Tomato resembles the Stone in shape. Very solid, ripens evenly and of excellent flavor. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Dreer's Superb Salad. This variety is distinctly a salad Tomato, as it is just the right size for serving whole with lettuce or for putting up whole in jars. The color is a rich scarlet. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Ponderosa. Fruits very large, purplish-pink, solid and continues ripening until frost. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25. For Plants see page 119.

Crimson Cushion. Large size, nearly round and of very good quality. The color is bright scarlet and flesh very thick and meaty. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25.

Golden Queen. A very handsome large yellow Tomato. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

PRESERVING TOMATOES.—The following small-fruited varieties are used for making preserves, and are also quite ornamental: **Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry.** Each at 10 cts. per pkt.; 45 cts. per oz.

TOMATO PLANTS. See page 119.

SORREL

Oseille, FR.

Acedera, SP.

Culture.—Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to a few inches apart and remove seed stalks as soon as they appear.

Large-leaved Garden. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb. 85 cts.

Navel, Fr.

TURNIP

Nabo, Sp.

One ounce will sow 200 feet of drill, one to two pounds for an acre

Culture. For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Ruta Bagas, sow seed in seed-bed in spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

Purple-Top White Globe. (See cut.) This type of Turnip is more largely grown than any other, both for table use and feeding stock during the winter. It is in fine condition for table use when of medium size, but should be allowed to grow large when used for cattle feeding. It is globular in shape, very handsome and of superior quality. The flesh is white and skin white, with purple at portion which grows above the ground. It is in best condition for table use when roots are about three inches in diameter. Grows rapidly and produces large crops. It keeps well and is one of the best varieties grown; very largely used for market. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Red or Purple-Top (Strap-Leaf.) This is an old-time variety, but still largely grown in the Southern States. It is an early strap-leaf sort which is good for early spring and fall use. Roots flat, top red or purple, flesh fine grained and mild flavor. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Early White Flat Dutch (Strap-Leaf.) This is an early white-fleshed variety, of quick growth, mild flavor. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Extra Early Purple-Top Milan. Handsome appearance, somewhat flattened, white, with purple top, flesh snow-white. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$2.75.

Early White Milan. Like above, but pure white. It matures very early, and may be grown close together in the row. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$2.75.

Snowball. A fine-looking, pure white variety which matures in from six to seven weeks. The bulbs have a smooth white skin and are nearly round. This Turnip does not grow large, but is one of the best to sow very early in the spring. It can be used before fully grown, in which case it is very tender and sweet. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

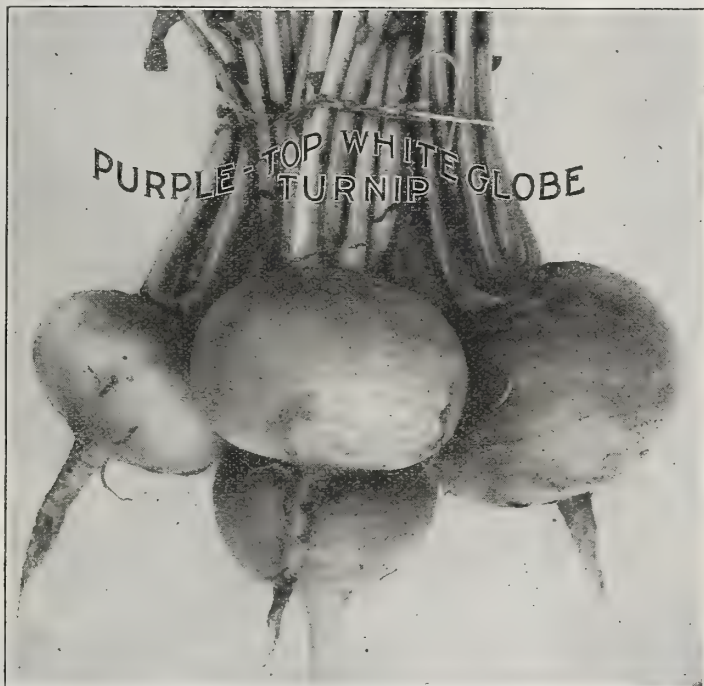
Early White Egg. Matures very quickly, and is adapted for either spring or fall sowing. It is egg-shaped, and very smooth with thin skin. The tops are small, and roots which grow partly above the ground are of medium size, pure white skin and flesh which is fine grained and sweet. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Long White, or Cow Horn. Grows very quickly, partly above ground; very productive; flesh white, fine grained and sweet; of excellent quality for family use and for stock feeding. The roots are very large, sometimes fifteen inches long and two inches in diameter. This turnip is also largely used for turning under as a green manure in conjunction with Crimson Clover, and is very valuable for that purpose. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Yellow Globe (Amber Globe.) One of the best of the yellow Turnips for a general crop. It produces a globe-shape root, with smooth skin and light yellow-flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Golden Ball. A rapid grower, of excellent flavor, globe-shaped, medium size, bright yellow color, good keeper and a superior table variety or for use in feeding stock. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Yellow-Aberdeen, Purple-Top. Very hardy and productive, good keeper, globe shaped and fine quality. The Turnips grow to a large size and are valuable for feeding stock. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



RUTA BAGA

Dreer's Improved Purple-Top. This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size; skin is smooth, and flesh a beautiful yellow color and fine-grained. The flavor is good, being very sweet and tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Budlong's Improved. White, very sweet; much milder flavor than any of the other sorts; globe-shaped; skin a creamy-yellow. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

American Purple-Top. Very hardy and productive. The flesh is yellow, solid and sweet; good for stock or table use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Skirving's Purple-Top. An important variety of large size and strong growth; a heavy cropper and one of the best. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

TOBACCO

Tabak, Fr.

Tabaco, Sp.

One ounce of good seed is sufficient for an acre

Culture. Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood-ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

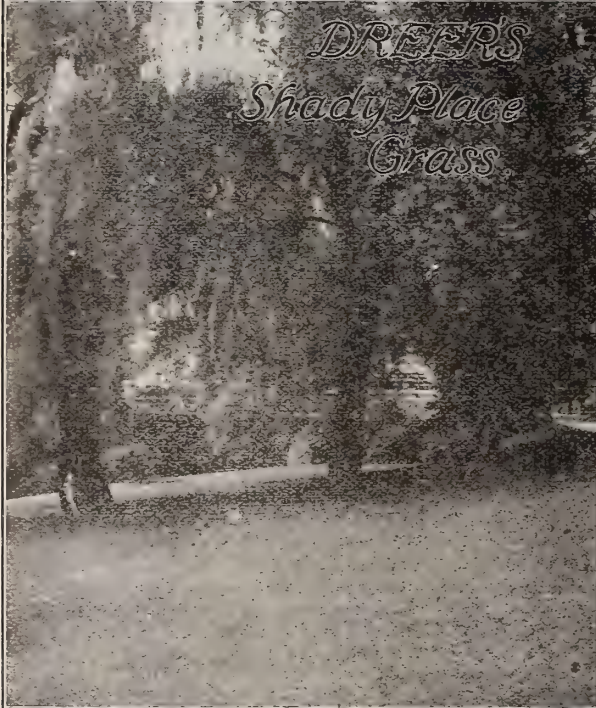
Connecticut Seed-Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length and grow closely on stalk. Pkt., 10 cts.; oz., 40 cts.

Pennsylvania Seed Leaf. Produces a very large, handsome leaf, which is of good quality. Extensively grown in Lancaster County, Pa. Pkt., 10 cts.; oz., 40 cts.

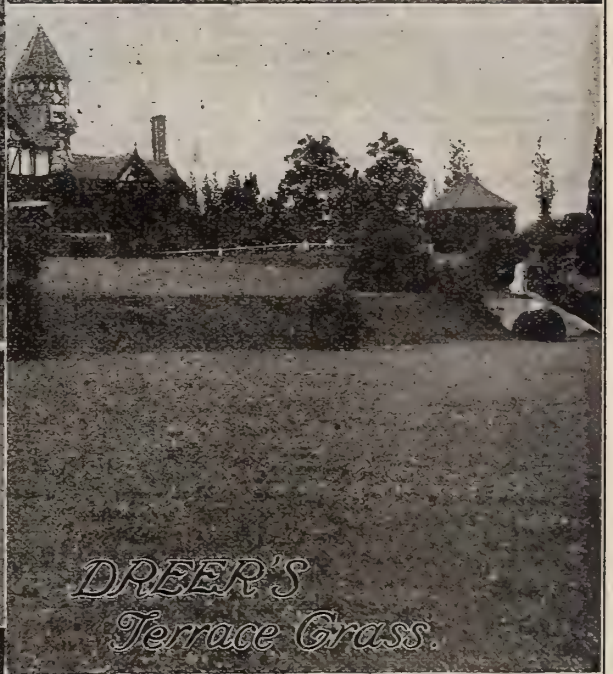
Havana. The seed we offer is the best Vuelta Abajo, obtained by us direct from Cuba, and is the finest flavored Havana tobacco grown. Pkt., 15 cts.; oz., 75 cts.



*The "DREER"
Lawn Grass.*



*DREER'S
Shady Place
Grass.*



*DREER'S
Terrace Grass.*



*DREER'S
Permanent Pasture Grass.*

DREER'S CELEBRATED LAWN GRASS SEEDS

OUR special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Golf Links, etc. The lawns at the **Alaska-Yukon-Pacific Exposition**, held during the summer of 1909, were made with "Dreer's Lawn Grass," and we were awarded a **Gold Medal** for same. Many other prizes have been awarded us for Grass Seeds, including a **Gold Medal** by the **Pan-American Exposition**, held at Buffalo, N.Y.

THE "DREER" LAWN GRASS

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. For the convenience of customers, we put this seed up in various-sized packages, from the single quart, which is sufficient to cover 250 square feet of ground, to such quantities as are required for seeding large lawns, where from five to six bushels of seed to the acre are required. Per qt., 35 cts., postpaid. By express or freight at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

DREER'S SHADY PLACE GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass mixtures, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

DREER'S TERRACE GRASS

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per qt., 35 cts. postpaid. By express or freight, at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

SEASHORE LAWN GRASS

A rich, green lawn is especially desirable at the seashore, but unless the right mixture of grasses and clover are used the result will be disappointing. Our Seashore Lawn Grass is composed of strong-rooted varieties which quickly produce a good turf. In preparing the land it should first be top-dressed with about four inches of good soil, as grass will not grow well in sand, but the seeds will quickly germinate in the top-soil and make strong roots, which reach down into the sand for moisture. In order to keep the seaside lawn in good condition, it should be watered liberally every evening, and also have an occasional application of pure Bone Meal, in order to keep up a vigorous growth. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

DREER'S "EVERGREEN" LAWN GRASS

This special mixture produces beautiful and permanent lawns. It is made from our own formula and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense per qt., 25 cts.; 4 qts., 80 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

DREER'S FAIRMOUNT PARK LAWN GRASS

This mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on embankments and terraces, also for renovating old, worn-out lawns. Per qt., 25 cts., postpaid. By express or freight, at purchaser's expense, per qt., 20 cts.; 4 qts., 60 cts.; peck, \$1.00; bushel (20 lbs.), \$4.00.

DREER'S PUTTING GREEN MIXTURE

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Per qt., 40 cts., postpaid. By express or freight, at purchaser's expense, per qt., 35 cts.; 4 qts., \$1.25; peck, \$2.00; bushel (25 lbs.), \$8.00.

DREER'S GOLF LINKS MIXTURE

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, per qt., 25 cts.; 4 qts., 80 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

WHITE DUTCH CLOVER SEED

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb., 85 cts., postpaid. By express or freight at purchaser's expense, lb., 75 cts.; 5 lbs., \$3.65; 10 lbs., \$7.00; bushel (60 lbs.), \$40.00; 100 lbs., \$65.00.

DREER'S PERMANENT PASTURE GRASS

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found entirely satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with Timothy alone you cut but one crop. Sow 50 pounds to acre. In ordering, state whether for light or heavy soil. Price, per lb., 35 cts., postpaid. By express or freight, at purchaser's expense, bushel (20 lbs.), \$4.00; 100 lbs., \$18.00.

Quantity of Lawn Grass Seed to Sow. One quart is sufficient for 250 square feet; 5 bushels for an acre, or for renovating an old lawn use one-half these quantities.

Dreer's Leaflet on Lawn Making is mailed free of charge to any who are interested. Tells how to make and care for the lawn. Write for a copy.

DREER'S RECLEANED GRASS AND CLOVER SEEDS



A FIELD OF ALFALFA



STORING ALFALFA

Prices for larger quantities than one Pound are f. o. b. Philadelphia, and subject to market changes

Kentucky Blue Grass, Fancy Cleaned (*Poa pratensis*).

Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns, meadows and rich land. It is the grass of the famous limestone soils of Kentucky, and is also a favorite in all the Northern States. Sow 3 to 5 bushels per acre for lawn; 2 bushels per acre for pasture. Lb., 45 cts., postpaid. Bu. (14 lbs.), \$4.00; 100 lbs., \$27.00.

Canadian Blue Grass (*Poa Compressa*).

Thrives well on clay, grows a foot or more in height and yields a great weight of hay. Sow 30 lbs. per acre. Lb., 40 cts., postpaid. Bu. of 14 lbs., \$3.00; 100 lbs., \$20.00.

Red-top, or Herds Grass (*Agrostis vulgaris*).

Suitable for meadow, also lawns and pasture. Sow 3 to 4 bushels per acre for lawns; for pasture, 1½ to 3 bushels per acre. Lb., 35 cts., postpaid. Bu. (10 lbs.), \$2.00; sack of 50 lbs., \$8.00; 100 lbs., \$15.00.

Red-top Grass, Extra Re-cleaned Seed.

Lb., 40 cts., postpaid. Bu. (32 lbs.), \$7.00; 100 lbs., \$21.00.

Orchard Grass (*Dactylis Glomerata*).

One of the most valuable of the pasture grasses, makes a good hay. Sow 3 bushels to the acre. Lb., 50 cts., postpaid. Bu. (14 lbs.), \$4.50; 100 lbs., \$30.00.

English Rye Grass, or Perennial Rye (*Lolium perenne*).

Valuable for use in permanent pastures and a heavy yielder. Sow 60 lbs. to the acre. Lb., 45 cts., postpaid. Bu. (24 lbs.), \$5.50; 100 lbs., \$22.00.

Italian Rye Grass (*Lolium Italicum*).

Valuable for pasture mixtures. 50 lbs. to the acre. Lb., 45 cts., postpaid. Bu. (18 lbs.), \$4.00; 100 lbs., \$22.00.

Meadow Fescue (*Festuca pratensis*).

English Blue Grass, or Sweet Grass. Sow 50 lbs. to the acre. Lb., 50 cts., postpaid. Bu. (22 lbs.), \$6.00; 100 lbs., \$26.00.

Sheep's Fescue (*Festuca ovina*).

Valuable for lawns and sheep's pastures. 40 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (12 lbs.), \$5.75; 100 lbs., \$45.00.

Hard Fescue (*Festuca duriuscula*).

30 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (12 lbs.), \$5.75; 100 lbs., \$45.00.

Red, or Creeping Fescue (*Festuca rubra*).

Suitable for sandy soils and at seashore; valuable for Putting Greens. Lb., 65 cts., postpaid. Bu. (14 lbs.), \$6.75; 100 lbs., \$45.00.

Meadow Foxtail (*Alopecurus pratensis*).

30 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (7 lbs.), \$3.50; 100 lbs., \$45.00.

Crested Dogtail (*Cynosurus cristatus*).

25 lbs. to the acre. Lb., 60 cts., postpaid. Bu. (21 lbs.), \$8.00; 100 lbs., \$35.00.

Bermuda Grass (*Cynodon dactylon*).

Suitable for Southern States only. Sow 8 to 10 lbs. to the acre. Lb., 80 cts., postpaid. Bu. (35 lbs.), \$21.00.

Awnless Brome Grass (*Bromus inermis*).

A valuable grass for light, dry soils, especially in the South and West. 35 to 40 lbs. to the acre. Lb., 55 cts., postpaid. Bu. (14 lbs.), \$5.25; 100 lbs., \$35.00.

Tall Meadow Oat Grass (*Avena elatior*).

Valuable for soiling or permanent pasture, as it makes an early and luxuriant growth. 50 lbs. to the acre. Lb., 55 cts., postpaid. Bu. (10 lbs.), \$4.00; 100 lbs., \$35.00.

Creeping Bent Grass (*Agrostis stolonifera*).

Excellent for lawns; makes a low, velvety growth. Lb., 70 cts., postpaid. Bu. (20 lbs.); write for price.

Rhode Island Bent (*Agrostis canina*).

Has a creeping habit and is hardy. Sow 4 bushels to the acre. Lb., 70 cts., postpaid. Bu. (14 lbs.); write for price.

Timothy (*Phleum pratense*).

The most important agricultural grass for the Middle States and thrives best on rich soils. It is not suited for permanent pasture, but is the best grass known here for haymaking purposes. It is temporary and lasts only a few years, and is a part of the usual crop rotation. Sow ½ bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Write for sample and price per bushel.

CLOVER SEED

Red Clover Medium (*Trifolium pratense*).

Sow spring or fall, 10 to 15 lbs. per acre. Write for price.

Mammoth Red Clover (*Trifolium pratense perenne*).

For plowing under. 10 to 15 lbs. per acre. Write for price.

Alsike, or Swedish Clover (*Trifolium hybridum*).

Sow 8 lbs. to the acre when used alone. Write for price.

White Dutch Clover (*Trifolium repens*).

Excellent for lawns. Sow 8 lbs. to the acre alone, or 4 lbs. when used with other grasses. Lb., 85 cts., postpaid. By express or freight, at purchaser's expense, lb., 75 cts.; 5 lbs., \$3.65; 10 lbs., \$7.00; bu. (60 lbs.), \$40.00; 100 lbs., \$65.00.

Sweet Clover Bokhara (*Melilotus alba*), also Yellow Blossom (*Melilotus officinalis*).

Grown for Bee food and as a fertilizer. We supply either variety. Lb., 45 cts., postpaid. Write for price per bushel.

Japan Clover (*Lespedeza striata*).

A long growing clover which does well in the South. Sow 14 lbs. to the acre. Lb., 75 cts., postpaid; 14 lbs., \$8.50; 100 lbs., \$60.00.

Sainfoin, Esparsette, or Holy Clover (*Onobrychis sativa*).

Lb., 40 cts., postpaid. Bu. (20 lbs.), \$4.00.

Crimson, or Scarlet Clover.

Excellent for turning under as a fertilizer. Write for price.

Alfalfa, or Lucerne (*Medicago sativa*).

Produces 3 to 4 heavy crops of nutritious hay in a season. Lb., 40 cts., postpaid. Write for Special Leaflet and price per bushel.

INOCULATING CULTURES

MULFORD'S CULTURES for Inoculating Agricultural Seeds will be found offered on page 224



FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route
 PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES

YELLOW FIELD CORN

Sow 8 quarts to the acre early in May

Pedrick Perfected Golden Beauty. (See cut.) A strain of Golden Beauty obtained by careful selection. In the preparation of this Corn for seed each ear is carefully selected and the end grains discarded. It is far superior in every way to the original Golden Beauty. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich golden-yellow color, and the cob is very small; ears are well filled out, even to the extreme end of the cob. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

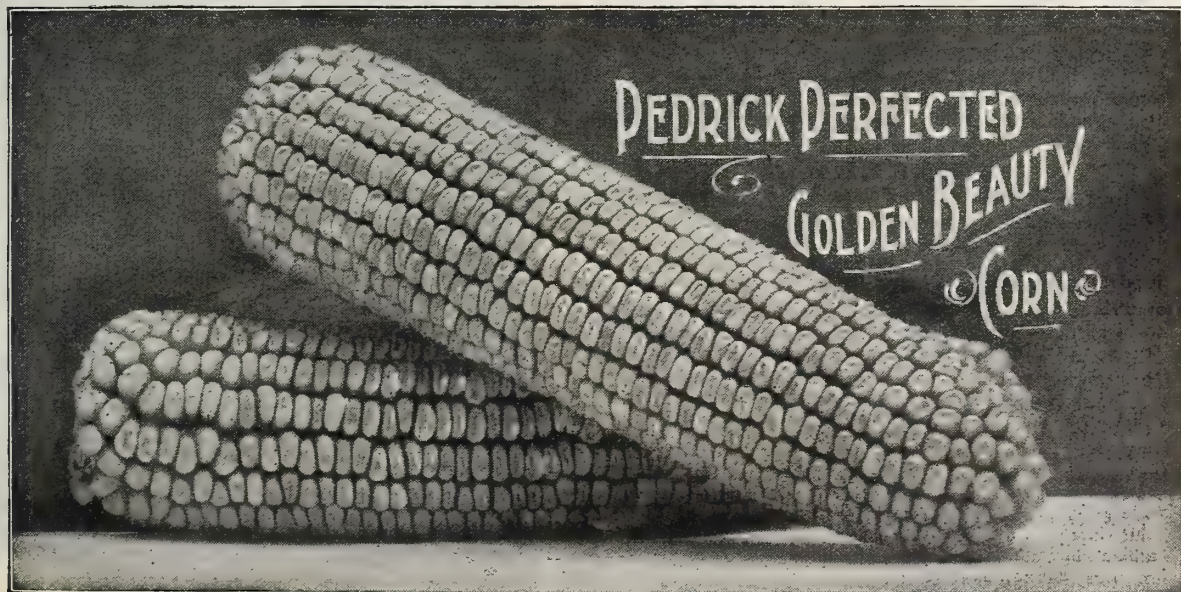
Leaming Gourd Seed. A good early variety which ripens in about 110 days. Stalks make good growth and are very productive; ears good size, cob red, grains medium in size and deep yellow. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Early Yellow Canada. A ninety-day Corn, used in this latitude for replanting. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.50; bushel (56 lbs.), \$5.00.

Pusey Cloud Yellow Dent. At the Chester County, Pa., Corn Show, Mr. Pusey Cloud, the originator, was awarded the prize for this variety; also prizes at both the National and Pennsylvania Corn Shows. It matures in 100 to 110 days, and has yielded 75 to 100 bushels of shelled Corn to an acre. The ears measure about 10 inches in length; cob is small and the grains are very deep, closely set on the cob. It is a safe variety to plant anywhere in the same latitude as Philadelphia. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Early Mastodon Dent. An early variety of yellow Dent Corn which is suitable for many sections, as it matures in about 110 days. The stalks grow rapidly and to a good size, producing excellent fodder and an abundant crop of corn. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Early 100-day Bristol. One of the earliest large Dent varieties. It is productive, and ears are a good size with light yellow grains. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.45; bushel (56 lbs.), \$4.75.





WHITE FIELD CORN

Hickory King. A prolific white variety, cob remarkably small, grains large. This Corn is suitable for growing in light soil and is mostly used in the Southern States. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

ENSILAGE CORN

Sow 1 bushel in drills, or 2 bushels broadcast per acre. Special prices to buyers of large quantities.

Red-Cob Ensilage. One of the very best varieties for ensilage and grows well in all sections. It is a pure white Corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce very large crops. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.15; bushel (56 lbs.), \$4.25.

Southern Fodder, Sheeptoath. Produces broad foliage and tender stalks. Will keep up the flow of milk during hot weather, when the grass is burnt up. Grains narrow and white. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.10; bushel (56 lbs.), \$4.00.

Sweet Fodder Corn. For soiling or ensilage. Sow broadcast 2 bushels, or in drills 3 feet apart, 1 bushel per acre. Write for price.

BARLEY

Sow $1\frac{1}{2}$ to 2 bushels if drilled; 2 to $2\frac{1}{2}$ bushels broadcast.

Manshurey. A productive and reliable variety. The straw is stiff and strong, holding up well and bearing long heads, which are well filled with plump grains. It ripens early and is good for both feeding and malting. Write for price.

Beardless Barley. This variety is free from beards, making it easier to thresh than other kinds and safer to feed to stock. It is a strong, vigorous grower, making short, heavy straw and bearing well-filled heads. Write for price.

BUCKWHEAT

Sow about the middle of June, broadcast, at rate of 1 bushel to the acre, or $\frac{1}{2}$ bushel in drills.

Japanese. Earlier, more prolific and yields nearly double the weight per acre of other sorts. The grains are nearly twice as large as those of Silver Hull and of a much better color. This variety is always in demand and is preferred by the millers who claim that it makes the best grade of flour. Write for price, stating quantity desired.

OATS

Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow $2\frac{1}{2}$ bushels to the acre.

Storm King. (See cut.) The seed of this variety was originally imported, but has been grown for several years in this country, and is thoroughly acclimated. It makes a strong growth of straw, with large well-filled heads, which have a tendency to be one-sided and grains are white, large and heavy. "Storm King" has made a yield of from 60 to 70 bushels per acre, and we recommend it to every farmer who desires a thoroughly reliable variety. By express or freight, at purchaser's expense, peck (8 lbs.), 85 cts.; bushel (32 lbs.), \$3.00; 5 bushels or over, \$2.90 per bushel.

White Maine. This fine variety is grown with much favor, as it yields extremely large crops. It is suitable to growing in any section, and makes a strong, stiff straw, thus enabling it to stand up well during a season of stormy weather. By express or freight, at purchaser's expense, peck (8 lbs.), 75 cts.; bushel (32 lbs.), \$2.75; 5 bushels or over, \$2.65 per bushel.

Lincoln. Very early and productive. Good straw with bright grains and a very dependable variety. By express or freight, at purchaser's expense, peck (8 lbs.), 75 cts.; bushel (32 lbs.), \$2.75; 5 bushels or over, \$2.65 per bushel.

Welcome. A splendid variety for all sections, and a very productive sort. The straw is heavy and stiff and the grains are plump and attractive in appearance. By express or freight, at purchaser's expense, peck (8 lbs.), 75 cts.; bushel (32 lbs.), \$2.75; 5 bushels or over, \$2.65 per bushel.

SPRING WHEAT

Marquis. An excellent early variety for spring sowing. Write for price, stating quantity wanted.

SPRING RYE

Used as a catch crop to sow where winter grain has failed. Write for price, stating quantity desired.

SUNFLOWER

Mammoth Russian. May be grown to great advantage in waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive of seed, as the heads sometimes measure 18 inches in diameter. Plant 5 pounds to acre. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., 75 cts.; 10 lbs., \$1.30; 100 lbs., \$12.00.

FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes

SUDAN GRASS

A new forage plant which is valuable in the middle west and may also be grown in the east. It is an annual, related to the sorghums, and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems, and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn. Lb., 45 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$3.00; 50 lbs., \$12.50.

BROOM CORN

Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep dry soil. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$1.25; 50 lbs., \$5.00.

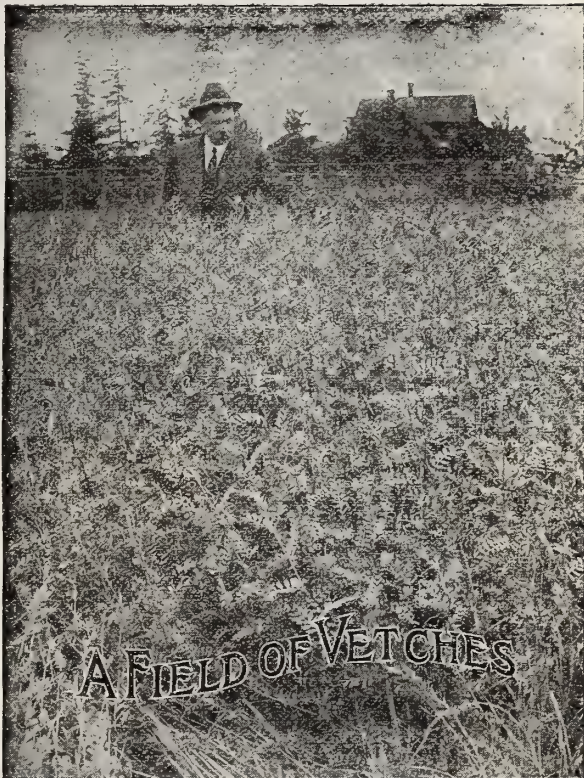
SOJA BEANS

Ito San Soja Bean. Earlier than Hollybrook, but leaves not as large. Grows about 30 inches high, and is easily mown. Write for price.

Hollybrook Early Soja. A good variety for planting in Northern and Eastern States. Ripens early, and produces an enormous crop of both Beans and forage, which are very nutritious. Write for price.

Wilson Soja. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and the seeds do not shatter from pods after cutting. In Delaware it matured in 115 days, and the plants held the seed well. Write for price.

Mammoth Yellow Soja Bean. Valuable as a forage crop and for silo purposes. It matures late and is very popular for forage purposes, also productive. Most valuable for growing in the Southern States. Write for price.



VETCHES

Spring Vetches, or Tares (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills. Lb., 30 cts., postpaid; bu. (60 lbs.), write for price.

Winter Vetches, or Tares (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing. Sow 1 bushel of the seed per acre, with 1 bushel of rye. Price per lb., 40 cts., postpaid; bu. (60 lbs.), write for price and special leaflet.

PEAS FOR FODDER AND GREEN MANURING

Canadian Field Peas. Valuable for Northern climates for cattle feeding and for green soiling, and is also used in large quantities for feeding pigeons. Sow 1½ bushels per acre with ½ bushel oats. Owing to short crops, seed is scarce. Write for price.

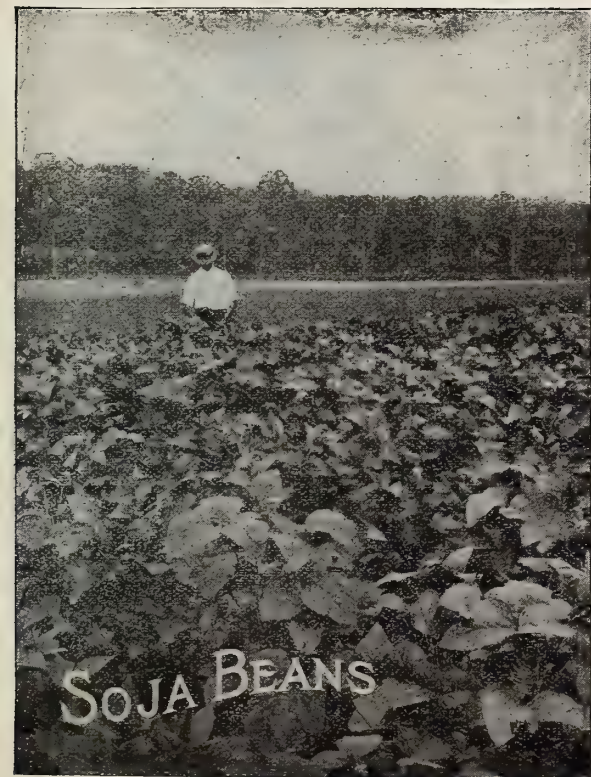
New Era Cow Peas. An upright growing variety, which matures quickly and produces a large crop of Peas. The vines are small, but cure nicely and make good forage. Write for price.

Whip-poor-will Cow Peas. An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. Write for price.

Clay Cow Peas. A medium late variety, of running habit and strong growth. Write for price.

RAPE

Dwarf Essex Rape. A forage plant of the highest value, which can be sown in this latitude as late as September. It is sown broadcast at the rate of 10 lbs. to the acre, or 5 lbs. in drills. By express or freight, at purchaser's expense, 5 lbs., 90 cts.; 10 lbs., \$1.60; 50 lbs., \$7.50.





FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes



GOLDEN MILLET

MILLET

Golden Millet (*Southern Grown*). (See cut.) A valuable annual hay and fodder crop. Grows 4 to 5 feet, matures quickly. Sow 1 bushel to the acre. Bushel (50 lbs.), write for price.

Hungarian Millet (*Panicum Germanicum*). An annual forage plant, early and productive, growing 2 to 3 feet high, and makes good hay. Sow 1 bushel to the acre. Bushel (48 lbs.), write for price.

Egyptian, or East Indian Pearl Millet (*Penicillaria spicata*). Grows from 8 to 10 feet high, and is very productive. For fodder, sow 5 pounds of the seed in drills 3 feet apart, thin out in rows to 1 foot apart. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., \$1.10; 10 lbs., \$2.00.

Japanese Barn-yard Millet (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high. Sow between middle of May and end of July. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$10.00

MISCELLANEOUS FARM SEEDS

Teosinte (*Reana Lururians*). (See cut.) This plant somewhat resembles corn, but produces larger leaves and is more succulent; excellent for feeding horses and cattle, either green during summer or as fodder during winter, and is more nutritious and better liked than corn fodder by stock of all kinds. Grows well in this latitude, supplying an immense amount of fodder, but will not mature seed. Sow in May or June, in drills about 4 feet apart, using 3 lbs. of seed per acre, and cultivate in the same manner as corn. Per oz., 10 cts.; 1 lb., 30 cts.; lb., \$1.00, postpaid. By express or freight, at purchaser's expense, 5 lbs. or over, 90 cts. per lb.

Speltz, or Emmer. A combination of Wheat, Oats and Barley, which is excellent for fattening cattle, poultry, horses, sheep, pigs, etc. Makes a heavy yield of grain and hay; excellent pasture, and may be fed green. Sow 70 to 80 pounds per acre. By express or freight, at purchaser's expense, 10 lbs., \$1.25; 50 lbs., \$5.00.

MULFORD CULTURES

For Field Crops will be found offered on page 224 of this catalogue.

Sorghum, or Early Amber Sugar-cane. Excellent for forage, and may be cut two or three times, stooling out thicker after each cutting. Height, 10 to 12 feet. Sow 5 lbs. in drills, or 75 lbs. broadcast to acre. By express or freight, at purchaser's expense, 5 lbs., 75 cts.; 50 lbs., \$6.00.

Johnson Grass, or Sorghum Halepense. A Southern fodder plant. Per lb., 55 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., \$1.75; 10 lbs., \$3.00; 50 lbs., \$24.00.

Yellow Milo Maize. May be cut several times for green forage; used for ensilage, or cured like sorghum. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, 5 lbs., 65 cts.; 10 lbs., \$1.15; 50 lbs., \$5.00.

Kaffir Corn (Red.) Good forage. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, 5 lbs., 65 cts.; 10 lbs., \$1.15; 50 lbs., \$5.00.

BIRD SEEDS

Our bird seeds are all carefully selected and re-cleaned. Prices subject to market changes. All Bird Seeds are sent by express or freight, at purchaser's expense.

	Lb.	10 Lbs.	50 Lbs.	100 Lbs.
Mixed Bird Seed .....	.30	\$2.70	\$13.00	\$25.00
Canary .....	.30	2.70	13.00	25.00
Rape, for feeding .....	.20	1.60	7.00	13.00
Hemp .....	.15	1.30	6.00	11.50
Sunflower .....	.20	1.30	6.25	12.00
French Bird Millet .....	.30	2.75	....	....
Lettuce.....Oz., 5 cts..	.35	3.00	....	....



TEOSINTE, A WONDERFUL FODDER PLANT

FLOWER SEED Department

A BORDER OF PINK GERANIUMS EDGED WITH SWEET ALYSSUM

We give close attention to this department, which is probably the largest in quantity and variety in this country, nearly one thousand species and varieties being offered.

Our Flower Seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American Seedsmen. Our constant aim is to secure the very best strains obtainable, and spare no pains or expense with this object in view. Our strains of Asters, Carnations, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists, and are acknowledged to be superior in all respects.

Success with Flower Seeds

We are convinced that many of the failures with flower seeds are due to lack of proper conditions; and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given below are followed success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

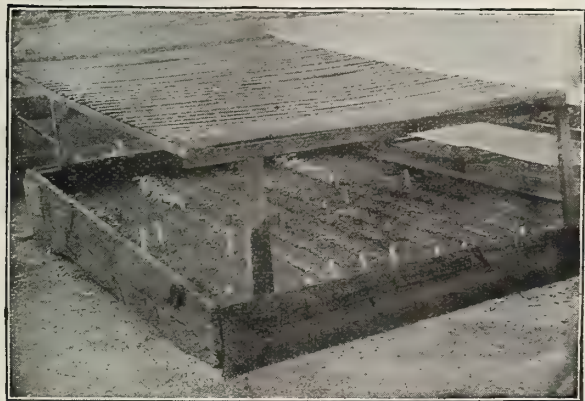
For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbenas, etc., the best plan is to sow in earthenware seed pans, or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each of sand, leaf mould and light garden loam. Press firmly and evenly and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly; cover with a pane of glass or one or two thicknesses of newspaper to prevent the too rapid evaporation of the moisture and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass, or covering, as soon as the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to "damp off."

For most of the ordinary annual flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbenas, Celosias, Stocks, Salvia, etc., etc.; but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.

We will be pleased to send our customers on request a leaflet containing the following valuable cultural hints:

How to Grow Annuals, by Prof. L. H. Bailey.

How to Grow Perennials from Seed, written expressly for us by Wm. Falconer, of Pittsburg.



A COLD FRAME WITH LATH SHADE, A GOOD PLACE TO GERMINATE
FLOWER SEEDS IN DURING THE SUMMER

The full worth of their money to all is the broad principle in which we always deal and we refer to our reputation as evidence that we live up to the precept

NOVELTIES AND SPECIALTIES IN Flower Seeds for 1919

The majority of the Flower Seed Novelties and Specialties offered on this and the following ten pages have been thoroughly tested in our trial grounds. Others have been received from most reliable growers, and the descriptions are those of the introducers.

For General List of Flower Seeds see pages 63 to 116

Dreer's Superb Antirrhinums, or Snapdragons

(Illustrated in Colors on the Plate Opposite)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety, both of which are described below and illustrated on the Color Plate opposite, practically the same colors being offered in both the Giant and Half-dwarf sorts. Seed sown out of doors the first week of May come into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

DREER'S LARGE-FLOWERING GIANT SNAPDRAGONS

(*Antirrhinum Majus Grandiflorum*)

This strain is a great improvement over the old tall-growing variety, being of stronger habit and producing longer spikes and much larger individual flowers; grows about 3 feet high and exceedingly valuable for cutting. It may be also used in beds or the mixed border with fine effect.

PER PKT.

- 1171 **Giant Scarlet.** Bright and fiery. (No. 6 on plate.) 10
- 1172 " **White.** Pure white. (No. 5 on plate.).... 10
- 1173 " **Yellow.** Clear yellow. (No. 1 on plate.)... 10
- 1174 " **Garnet.** Exceedingly rich. (No. 3 on plate.) 10
- 1175 " **Pink.** Silvery pink. (No. 2 on plate.).... 10
- 1176 " **Rose.** Rich rose. (No. 4 on plate.) 10
- 1179 **Collection** of a packet each of the above 6 colors.... 50
- 1180 **Giant Mixed.** A splendid mixture, containing all the colors. $\frac{1}{4}$ oz., 30 cts. 10

DREER'S LARGE-FLOWERING HALF-DWARF SNAPDRAGONS

(*Antirrhinum Majus Nanum Grandiflorum*)

This type has spikes and flowers of good size, and, owing to their dwarf and compact habit of growth, are better adapted for bedding purposes. They grow about 18 inches high, and the mass of bloom which they produce from early until late in the season is really phenomenal.

PER PKT.

- 1162 **Daphne.** Soft blush-pink. (No. 2 on plate.).... 10
- 1163 **Defiance.** Orange or russet-red. (No. 6 on plate.) 10
- 1164 **Golden Queen.** Rich, pure yellow. (No. 1 on plate.) 10
- 1165 **Firebrand.** Rich, deep red. (No. 3 on plate.).... 10
- 1166 **Rose Queen.** Rich rose. (No. 4 on plate.)..... 10
- 1167 **Mont Blanc.** Pure white. (No. 5 on plate.)..... 10
- 1169 **Collection** of above 6 sorts..... 50
- 1170 **Half-Dwarf, Mixed.** Large range of many beautiful colors. $\frac{1}{4}$ oz., 30 cts. 10

ALYSSUM LILAC QUEEN

- 1100 We offered this a few years ago, but dropped it from our list as we did not think the color was deep enough to form a contrast with the popular white sorts. By careful selection it has been greatly improved, and the stock we now offer has been saved from plants that were a deep lavender-lilac, a really pretty color, either alone or in conjunction with the white sorts. It is of dwarf compact habit, and with all the free and long blooming merits of the regular Sweet Alyssum. 10 cts. per pkt.; 50 cts. per $\frac{1}{4}$ cz.

Dreer's Long-spurred Hybrid Aquilegias, or Columbines

- 1206 This is the most admired type of Columbines. They have been produced from the strains of several famous hybridizers and are much superior to the usual grade. The plants are of strong, thrifty growth, and perfectly hardy. The long-spurred flowers of large size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. 15 cts. per pkt.; 2 pkts., 25 cts.

Double-flowering Cup-and-Saucer Canterbury Bells

- 1734 A new race of this much-prized Hardy Biennial from a celebrated French Hybridizer. The double blossoms appear like three flowers placed one inside the other. These are produced freely and in all the colors found in the various varieties of Canterbury Bells. About one-half of the seedlings may be expected to come true to type. 25 cts. per pkt.



DREER'S LONG-SPURRED HYBRID AQUILEGIA



DREER'S
Large Flowering
ANTIRRHINUMS
or Snapdragons



PURE WHITE

ROSE PINK

AZURE BLUE

DREER'S
Superb Late Branching
ASTERS

Dreer's Superb Late-Branching Asters

(Illustrated on the plate opposite.)

This superb strain, of American origin and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, which is nicely shown in the illustration on the plate opposite, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September and October, and filling in the gap between the general run of Asters and Chrysanthemums, and if only one variety of Asters is wanted, we recommend this type as the most likely to give the greatest satisfaction. We offer eight beautiful and distinct colors as under:

	PER ¼ OZ.	PER PKT.		PER ¼ OZ.	PER PKT.
1451 Azure-blue. A deep rich lavender.....	60	10	1456 Deep Purple. A rich royal shade.....	60	10
1452 Deep Crimson. Rich and glowing.....	60	10	1457 Rose-Pink. A lovely shade.....	60	10
1453 Deep Rose. Distinct and fine.....	60	10	1461 Shell-Pink. Soft and dainty.....	60	10
1455 Pale Lavender. Exquisite grayish-blue.....	60	10	1467 Pure White. Perfect in its purity.....	60	10
1469 Collection containing a packet each of the above 8 colors, 60 cts.					
1470 Finest Mixed. All the colors mixed. 10 cts. per pkt.; 50 cts. per ¼ oz.					

Dreer's Six Famous American Asters

While we offer this season on pages 67 to 70 over fifty distinct varieties and colors of American Asters, all of which have been grown under our personal supervision, and which cannot be excelled for quality, we have again selected the following six sorts to offer as a collection, which embraces several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size and general excellence, give entire satisfaction to the most critical growers of this popular flower:

1381 **Crego's Giant White.** We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers 5 inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type.

1392 **Crego's Giant Pink.** Identical in every way to the white offered and described above, except in color, which is a beautiful soft shell-pink.

1305 **Dreer's Crimson Giant.** A late-branching variety of upright growth with extra large, densely double flowers of rich blood-crimson; makes a brilliant bed or border and is splendid for cutting.

1346 **Rose King.** A very distinct and desirable sort, with large, handsome double-quilled flowers of a brilliant rose color. A great favorite for cutting with commercial florists, lasting in perfect condition for a long time.

1393 **Dreer's Peerless Pink.** This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems averaging 18 inches in length, and it is hard to find a flower under 4 inches across, and many measure 5 inches by 2½ in depth, forming an almost globular flower. The color is a rich shell-pink, and comes into bloom about the middle of August, being at its best during the early part of September, and continuing in good condition well into October. (See cut.)

1347 **Violet King.** Similar in habit and time of flowering to our superb late-branching sorts, and of the same strong, free-branching growth, with very double, slightly quilled flowers of a pleasing soft shade of violet.

Price. Any of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.

1338 **Collection** of a packet each of Dreer's Six Famous American Asters, 65 cts.



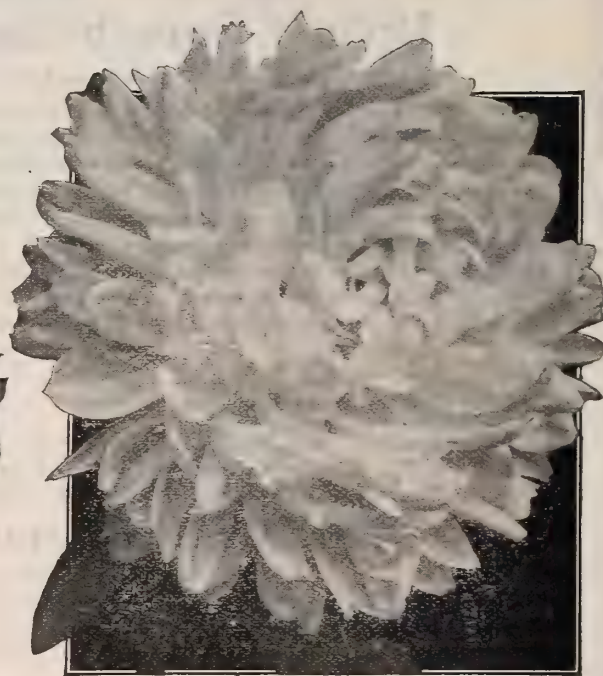
DREER'S PEERLESS PINK ASTER
(One of the Most Popular of Dreer's Six Famous)



ASTERMUM

Dreer's Collection of Six Famous American Asters

Offered on page 53 are extra choice



ROYAL ASTER

ASTERMUM ASTERS

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about two feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

- 1261 **Lavender.** A rich shade of lavender or light violet.
 1262 **Pink.** A very attractive shade of lively rose-pink.
 1263 **White.** Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

ROYAL ASTERS

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. We offer six beautiful and distinct colors.

PER PKT.

- 1412 **Lavender.** Soft lavender-violet..... 15
 1413 **Purple.** Rich, deep violet-purple..... 15
 1414 **Rich Rose.** A bright color..... 15
 1415 **Rose-Pink.** Very pretty, shaded white at centre..... 15
 1416 **Shell-Pink.** Very delicate..... 15
 1417 **White.** Purest white..... 15
 1419 **Collection** of a packet each of the six colors 75
 1420 **Mixed.** Containing all of the colors. Per 1/4 oz., 75 cts. 10

NEW RED ASTER

"SENSATION"

1442 This is the reddest of all red Asters, the color being a rich garnet or ox blood red which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 3 1/2

inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

ASTER
SENSATION

Giant Hyacinth-Flowered or Improved Empress Candytuft

1753 A wonderfully improved strain of the popular Empress Candytuft, forming much branched plants about 18 inches high, each branch terminated by an immense spike of very large individual pure white flowers. Makes a very effective white bed or border, and is invaluable for cutting. 10 cts. per pkt.; 35 cts. per $\frac{1}{2}$ oz.; 60 cts. per oz.

CHINESE WOOLFLOWER

(Celosia Childsi)

1865 This is a unique form of the feathered Cockscomb, growing two to three feet high, by as much through, each branch terminated with a large head of rich crimson flowers that look as if made out of some silky-wool material, and which are nicely shown in our illustration. Not only effective in beds or borders, but highly interesting and valuable for cutting, as they can be dried, and retain their bright color for weeks. 15 cts. per pkt.; 2 pkts., 25 cts.



CHINESE WOOLFLOWER
(Celosia Childsi)

Dreer's Large-flowering Antirrhinums or Snapdragons

Splendid for bedding or cutting. Illustrated in colors and offered on page 52.



DOUBLE BLUE CORNFLOWER

DOUBLE BLUE CORNFLOWER

1881 This was introduced by us in 1907, and since then has steadily gained in popular favor, until now it must be considered one of the leading annuals. It is identical in color to the popular single blue Cornflower, which is so much in demand for cutting, especially for buttonieres; but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. The plants form nice symmetrical bushes about 18 inches high. 15 cts. per pkt.; 2 pkts., 25 cts.; 50 cts. per $\frac{1}{4}$ oz.



THE CARDINAL CLIMBER

THE CARDINAL CLIMBER

(Ipomoea Quamoclit Hybrida)

2158 We named and introduced this glorious and absolutely distinct annual climber in 1912, and it is now generally considered the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like foliage, and literally covered with a blaze of circular cardinal-red flowers from mid-summer till frost. The flowers, about $1\frac{1}{2}$ inches in diameter, are borne in clusters of 5 to 7 each, and wherever it has been grown has attracted more attention and favorable comment than any other plant in the garden. Like other Ipomoeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April in a temperature of not less than 70 degrees and the plants set out when the weather gets warm, but it is just as well to wait until the weather gets warm and settled and then sow out of doors. In either case germination will be hastened and made more certain by filing or cutting a small notch in each seed. They are likely to germinate poorly unless this precaution is taken. If sown in cold, wet ground the seed is liable to rot.

Packets containing about 25 seeds each, 15 cts.;
2 pkts., 25 cts.

DOUBLE EARLY-FLOWERING CHRYSANTHEMUMS

1945 A new race of the Fall-flowering Chrysanthemum, which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors; quite hardy if given slight protection and grown in a well-drained position. 25 cts. per pkt.

Extra Early-flowering Colossal Cosmos

It is more than twenty years ago that we introduced the first early-flowering Cosmos; since then, by careful selection, the size and quality of the flower has been so greatly improved that we are now able to offer this strain which produces flowers rarely less than 3½ inches and frequently 4½ inches across, and which come into bloom within 60 days from time of sowing. We offer as under:

	PER PKT.
2085 Crimson. Very rich. ¼ oz., 30 cts.	10
2086 Pink. A pretty color. ¼ oz., 30 cts.	10
2087 White. Glistening white. ¼ oz., 30 cts.	10
A packet of each of the 3 colors, 25 cts.	
2090 Mixed. All colors. ¼ oz., 25 cts.	10

Gigantic-flowering Cosmos (Lady Lenox)

This is the latest development in this popular Autumn flower, of strong, vigorous growth and bearing gigantic flowers with wide overlapping petals of splendid substance, making a perfectly circular flower, borne on very long stems. We offer two colors, viz.:

2093 **Pink Lady Lenox.** Deep rosy-pink.

2094 **White Lady Lenox.** Pure glistening white.

Price, either of the above, 10 cts. per pkt.; 30 cts. per ¼ oz.



DREER'S GOLD MEDAL HYBRID DELPHINIUMS



NEW DOUBLE-FLOWERING COSMOS

NEW DOUBLE-FLOWERING COSMOS

Some years since a few individual plants of Cosmos showed evidence of producing double flowers, but it has taken a great deal of care and patience to perfect the strain now offered. The flowers vary considerably in their degree of doubleness, some being absolutely double, while others, like those shown in our illustration, have a frill or collar surrounding the double disc, and while we think this is the most artistic, they are beautiful in either form. The plants have somewhat heavier, less cut foliage than the regular single-flowering type, so that the fact that they will produce double flowers can be determined when the seedlings are quite small.

2081 **Double Crimson.** Rich rosy-crimson. 20 cts. per pkt.

2082 **Double Pink.** A very pretty rosy-pink. 20 cts. per pkt.

2084 **Double White.** Pure glistening white. 20 cts. per pkt.

A packet of each color for 50 cts.

DREER'S GOLD MEDAL HYBRID DELPHINIUMS (Hardy Larkspur)

2240 This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids ever offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. 15 cts. per pkt.; 50 cts. per ¼ oz.



DIANTHUS LATIFOLIUS
ATROCOCINEUS FL. PL.

Giant Double Decorative Dahlia

2197 Our supply of this novelty comes from a famous French hybridizer who states that it has been saved from a superb collection containing a very varied range of colors with flowers frequently 8 inches across, retaining their graceful form notwithstanding their enormous dimensions. 25 cts. per pkt.

Dianthus Latifolius Atrococcineus Fl. Pl.

(Everblooming Hybrid Sweet William)

2342 This is a cross between an annual Pink and a Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden. 15 cts. per pkt.; 2 pkts., 25 cts. Per $\frac{1}{4}$ oz., 50 cts.

New Giant-Flowering Marshmallows

(Hibiscus)

2775 A wonderfully improved form of our greatly admired native Marshmallow, or Rosemallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings have also been greatly intensified, comprising rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; can be recommended for plantings of all kinds, and are perfectly hardy. The seed we offer has been saved from our own plants, and if sown early will produce plants that will flower the first year. 10 cts. per pkt.; 30 cts. per $\frac{1}{4}$ oz.

NEW CALIFORNIA POPPIES

(Eschscholtzia)

The various varieties of Eschscholtzia which we offer on page 86 are among the most popular summer flowering annuals, and the new kinds here offered are, on account of their brilliant coloring, sure to become standard sorts.

- 2431 **Geisha.** The prettily fluted or ruffled petals are a bright glistening scarlet on the outside, while the inside is rich golden orange, a most brilliant Oriental color combination. 15 cts. per pkt.; 2 pkts., 25 cts.
- 2435 **Vesuvius.** In this variety the color is the same on both sides of the petals, a rich Wallflower or coppery-red which glistens in the sun like molten metal. 15 cts. per pkt.; 2 pkts., 25 cts.
- 2437 **New Hybrid Mixed.** This mixture has been saved from a number of new sorts of wonderful colorings, including wallflower-red, old gold, fire-red, chestnut, cream and many other rich and unusual tones. 15 cts. per pkt.; 2 pkts., 25 cts.

GAILLARDIA GRANDIFLORA COPPER-RED

- 2505 Gaillardia grandiflora is justly considered one of the best and showiest hardy perennials, and we feel sure this striking new color will add to the popularity of the genus, it being a brilliant coppery-red throughout, toning somewhat lighter at the tips of the petals; flowers of largest size, and having all the good qualities of the type. 20 cts. per pkt.; 3 pkts. for 50 cts.



ESCHSCHOLTZIAS OR CALIFORNIA
POPPIES

Double-Flowering Baby's Breath

(Gypsophila paniculata fl. pl.)

- 2695 One of the most important hardy perennials of recent introduction. The plant grows from 3 to 3½ feet high bearing its pretty little double white flowers in much-branched panicles, which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. It is also a most desirable addition to the hardy border. 20 cts. per pkt.; 3 pkts., 50 cts.



GYPSOPHILA PANICULATA, FL. PL.



NEWPORT PINK HOLLYHOCK

NEW DOUBLE HOLLYHOCK "NEWPORT PINK"

- 2791 A charming variety that originated in one of the famous gardens at Newport, R. I. It produces stately spikes of very desirable rosette-like flowers of pure pink, a shade that is always in demand. The seed of this variety is quite distinct, being much smaller than those of other colors. Received an Award of Merit from the Royal Horticultural Society of England, July, 1912. 15 cts. per pkt.; 50 cts. per $\frac{1}{4}$ oz.

New Hybrid Hardy Lupines

(*Lupinus Polyphyllus Hybridus*)

- 3060 These are the result of many years of careful crossing and selecting by a celebrated English specialist and in addition to the usual blue, white and rose colors, contain many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England, and we consider them one of the most important introductions in hardy perennials in recent years. 25 cts. per pkt.; 5 pkts. for \$1.00.

TWO MAGNIFICENT MARIGOLDS

The two varieties offered below are grown for us by a specialist and are without doubt the very finest of the large-flowering African type, and grow almost 2½ feet high, bearing in continuous succession from early summer till hard frost, large and perfectly double flowers.

- 3084 **Orange Prince.** Flowers very large, of a deep golden orange. 15 cts. per pkt.; 50 cts. per $\frac{1}{4}$ oz.

- 3085 **Lemon Queen.** Immense double flowers, in color a soft lemon-yellow, making a fine contrast to the rich orange of the preceding. 15 cts. per pkt.; 50 cts. per $\frac{1}{4}$ oz.

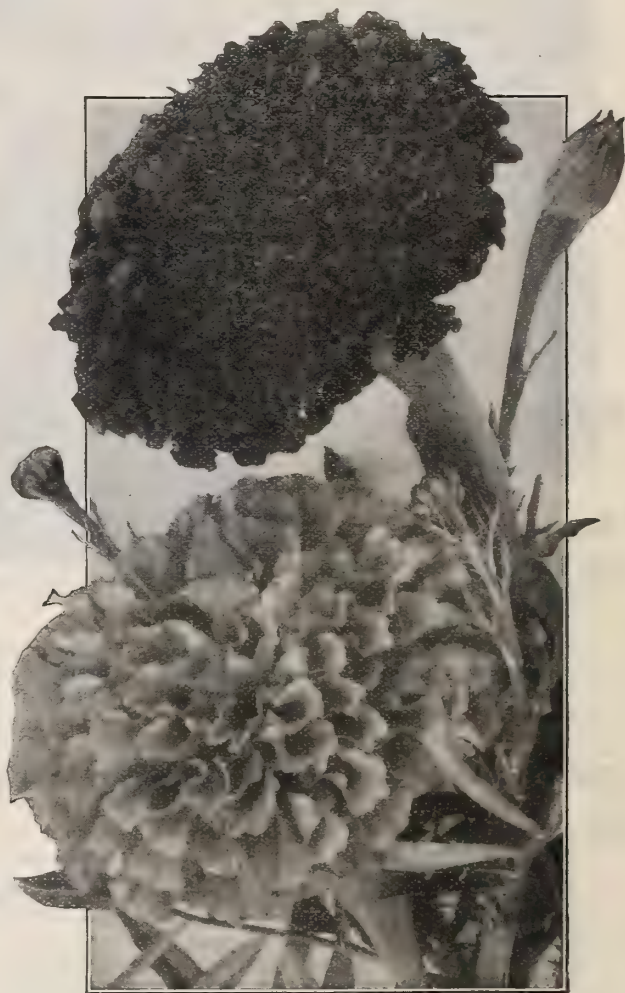
One pkt. each of the above for 25 cts.

PINK BEDDING PETUNIA "ROSY MORN"

- 3566 As the result of several years of careful selection the seed we now offer of this beautiful variety may be expected to come almost true, the compact, globular plants not over a foot high are covered from early in the season till frost with the soft carmine-pink white throated flowers, dainty and at the same time effective for beds, borders, window boxes, vases, etc. 15 cts. per pkt.; 75 cts. per $\frac{1}{8}$ oz.

INVINCIBLE GIANT POLYANTHUS

- 3677 A magnificent strain of this perfectly hardy and easily-grown spring-flowering Primrose, representing the work of twenty-five years of painstaking cross-breeding and selection by a Scotch specialist. Of strong, sturdy habit, and bearing immense trusses of large flowers on self-supporting stems 10 to 16 inches in length. Unquestionably the finest strain in cultivation, containing all colors from purest white to the richest crimson. 25 cts. per pkt.; 5 pkts., \$1.00.



ORANGE PRINCE AND LEMON QUEEN MARIGOLD

New White Oriental Poppy

3748 This is the most distinct "break" that has yet been made in Oriental poppies, it being a pure satiny white with a bold crimson blotch at the base of each petal. Like most hybrids the seedlings are liable to vary somewhat in color, but a good percentage can confidently be expected to come true. 25 cts. per pkt.

New Hybrid Iceland Poppy

3738 This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. 15 cts. per pkt.; 2 pkts., 25 cts.

Giant Flowering Chinese Fringed Primula

3791 This magnificent strain is quite distinct from the regular type, being of much more robust growth and producing immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant for the house or conservatory, this is unequalled.

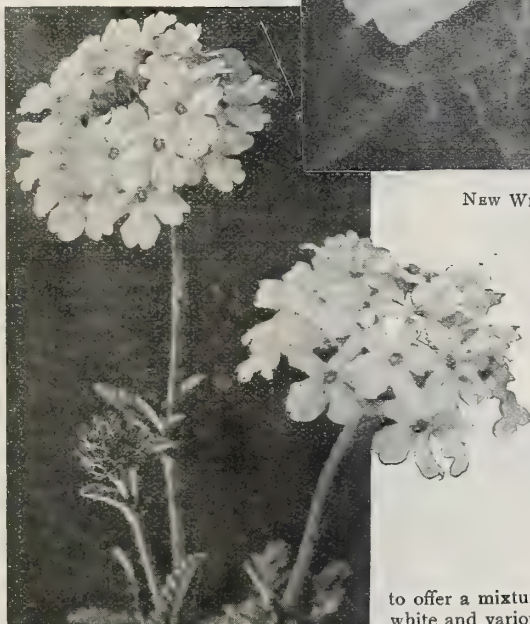
35 cts. per pkt.; 3 pkts. for \$1.00.

Two Brilliant Sweet Williams

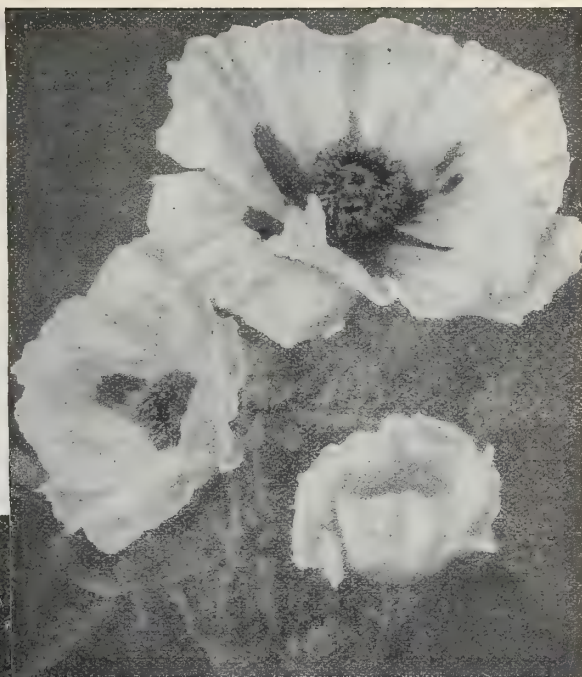
4282 **Newport Pink.** A distinct new color in this favorite hardy plant, which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call water-melon-pink or salmony-rose. For mid-season mass-bedding it has no equal. Perfectly hardy.

4281 **Scarlet Beauty.** A splendid companion to the above. The color is an intense rich, deep scarlet, and a most effective plant for the old-fashioned hardy border, where this shade is very uncommon.

Either of the above 15 cts. per pkt. A packet of each for 25 cts.



VERBENA "LUCIFER"



NEW WHITE ORIENTAL POPPY

New Colors of Stokesia

(Cornflower Asters)

4060 The blue Stokesia Cyanea, although a native of the United States, was practically unknown as a garden plant until the year 1903, when we illustrated it in colors on the cover of our Garden Book; and, as a result of our efforts, it is now one of the popular hardy perennials. Some years later, a white-flowered variety was discovered, and now we are able

to offer a mixture containing a number of rose shades, white and various shades of blue and purple as well.

15 cts. per pkt.; 2 pkts., 25 cts.

NEW SCARLET SAGE "AMERICA" OR "GLOBE OF FIRE"

3936 We have in the last few years tested over a score of varieties of Scarlet Sage and believed that the sorts which we offer on page 107 covered the most desirable. In this new variety, which was grown at our own Nursery, and which was easily the most brilliant bit of color among the acres of flowers grown there, we have what is undoubtedly the earliest, freest and most continuous bloomer of all, and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with the spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet, and in the lines, several hundred feet in length, there was not a variation of an inch in the height of any plant; the importance of this uniformity will be appreciated by those who use Scarlet Sage for beds or borders.

25 cts. per pkt.; 5 pkts. \$1.00.

New Mammoth Verbena "Lucifer"

4357 A most valuable addition to the range of colors in this important bedding plant, being an even, intense deep cardinal-scarlet throughout; it is identical to our other Mammoth Verbenas in size of bloom, floriferousness and other good qualities. As a brilliant bed or border we feel sure this will be most satisfactory. 25 cts. per pkt.; 5 pkts., \$1.00.



SALVIA AMERICA OR GLOBE OF FIRE

As a brilliant bed or border nothing excels Salvia America or Globe of Fire

DREER'S TWELVE "INCOMPARABLE"

Orchid-flowered Sweet Peas

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season thirty-seven of what we consider the very choicest and most distinct varieties, and while we fully recommend all of the sorts described and offered on page 111, as well as the newer kinds on the opposite page, yet most of our customers only wish a limited number of sorts, but want these to be the very best, and it is with this in mind that we offer this collection of **Twelve Incomparable** sorts described below, each one of which is a leader in its respective color, and which is sure to give entire satisfaction.

4074 Blanche Ferry Spencer. This is an extra fine, large wavy-flowered stock of the popular pink and white Blanche Ferry. A good strong grower and very free-flowering.

4086 Countess Spencer. The original of the Orchid-flowered type, and still one of the best. Color is a lively rose pink, shading deeper at the edges; very free-flowering.

4095 Dobbie's Cream. An extra selected strain and the finest primrose-yellow yet introduced; splendid in every way, with very large, wavy flowers.

4108 Elfrida Pearson. This is by far the largest and finest light pink variety. Flowers of enormous size and very wavy; a strong, vigorous grower bearing its giant flowers on long, strong stems.

4117 Florence Nightingale. Nothing yet introduced in lavender Sweet Peas excels this beautiful sort, and it is one of the most popular.

4147 King White. The largest, finest and purest white, seeded variety.

4151 Margaret Atlee. The leading experts are unanimous in declaring this to be the finest rich pink Sweet Pea, the color being a rich apricot-pink on a cream ground. The "Spencer Supreme," a very strong grower.

4156 Mrs. Hugh Dickson. A charming tone of salmon-pink on a cream ground; color effect rich apricot. A strong growing, very free-flowering variety and considered one of the best.

4198 Royal Purple. The rich royal purple color of this beautiful variety always attracts great attention. One of the most distinct.

4202 Scarlet Emperor. A most brilliant rich, deep scarlet of largest size and beautifully waved; extra fine.

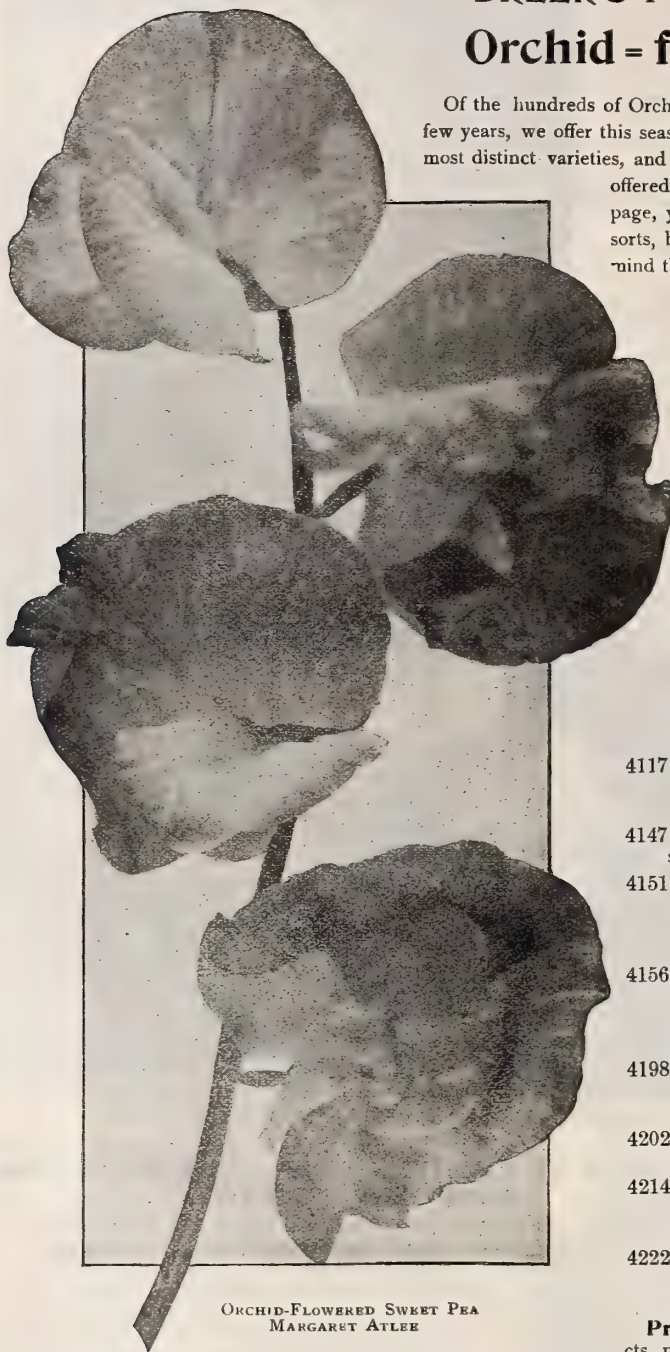
4214 Thomas Stevenson. The brilliancy of the orange-scarlet of this variety make it the most striking color of all.

4222 Wedgwood. Very appropriately named, being a beautiful Wedgwood or silvery blue; flowers of large size and fine form.

Price. Any of the above "Incomparable" varieties, 10 cts. per pkt.; 40 cts. per oz.; \$1.25 per $\frac{1}{4}$ lb.

4219 Collection of 1 ounce each of the 12 "Incomparable" sorts, \$3.75.

4218 Collection of a packet each of the 12 "Incomparable" sorts, 85 cts.



ORCHID-FLOWERED SWEET PEA
MARGARET ATLEE

Dreer's Orchid-flowered Sweet Peas in Mixture

4230 The greatest care has been exercised in blending this superb mixture. It has been made out of the finest named sorts, insuring a well-balanced range of desirable colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per packet; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.; \$2.50 per lb.

Twelve Superb Newer Orchid-Flowered Sweet Peas

We consider this the finest collection of newer sorts ever brought together; each one has been a prominent prize winner at the various exhibitions during the past season, and will soon take their place in up-to-date permanent lists.

- 4077 **Blue Monarch.** Splendid large wavy flowers of rich deep navy blue.
- 4084 **Constance Hinton.** The most important introduction in years, of strong, vigorous growth, with enormous wavy white flowers, frequently 2½ inches across, which are borne on sprays of fours, and often fives, on long, strong stems. This variety is black seeded, which means that it is easy to germinate.
- 4127 **Hercules.** Almost identical in color to Countess Spencer—a lively rose-pink, but larger in size. Strong grower.
- 4145 **King Manoel.** A giant wavy-flowered lustrous maroon or deep chocolate color, a handsome, rich colored variety.
- 4148 **Lady Evelyn Eyre.** A most delicately colored sort, being a pale pink lightly flushed with salmon; flowers of largest size and nicely waved.
- 4157 **Mrs. J. Balmer.** A charming variety of attractive coloring, being a rich cream ground daintily edged with bright rose pink.
- 4161 **New Miriam Beaver.** Very dainty in coloring, a soft chamois shell-pink shaded with apricot. Extra choice.
- 4172 **Old Rose.** A new and very distinct color, a lovely shade of old-rose, that is sure to become popular, flowers of enormous size.
- 4193 **R. F. Felton.** Exquisite, soft lavender blue with slight suffusion of rose. Flowers of largest size.
- 4205 **Sincerity.** Extra large flowers of faultless form; in color a rich cerise, an entirely new tone and one of the richest colored yet introduced. 10 cts. per pkt.; 75 cts. per oz.
- 4211 **The Cardinal.** A new, intense, brilliant poppy-scarlet, very large wavy flowers of great substance. Extra fine. 10 cts. per pkt.; 75 cts. per oz.
- 4212 **The President.** Rich and dazzling bright orange-scarlet, a most brilliant variety. 10 cts. per pkt.; 75 cts. per oz.

Price. Any of the above, except where noted, 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per ¼ lb.

4229 **Collection** of a packet each of above 12 Newer Sorts, \$1.00.

4227 **Collection** of one ounce each of above 12 Newer Sorts, \$5.00.

EARLY AND LONG-FLOWERING SPENCER SWEET PEAS

This new type is receiving great attention at the hands of the leading hybridizers, and already nearly all colors are represented. They are now very popular and in great demand by commercial florists for forcing under glass for Winter and early Spring blooming, but are just as valuable for the amateur for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type, and if the flowers are kept picked, continue to bloom over a period of nearly four months. We offer the following carefully selected varieties:

- 4261 **Early Asta Ohn.** Pinkish lavender.
- 4265 **Early Blanche Ferry.** Pink and white.
- 4262 **Early Cream.** Rich primrose yellow.
- 4263 **Early Helen Lewis.** Brilliant rosy salmon.
- 4264 **Early Hercules.** Rosy pink, very large.
- 4271 **Early Mrs. Sim.** A beautiful salmony pink.
- 4272 **Early Mrs. Skach.** Rich deep pink.

Price. Any of the above 15 cts. per pkt.; \$1.25 per oz.

4277 **Collection** containing a packet of each of the above twelve sorts for \$1.25

4276 **Early Orchid-flowering Mixed.** A splendid mixture containing all of the above colors as well as some others. 10 cts. per pkt.; 75 cts per oz.; \$2.50 per ¼ lb.



ORCHID-FLOWERED SWEET PEAS

- 4273 **Early President Wilson.** Rich rosy-crimson.
- 4266 **Early Venus.** Delicate blush pink.
- 4267 **Early Wedgwood.** Bright Wedgwood blue.
- 4274 **Early White Orchid.** Pure white.
- 4275 **Early Yarrowa.** The famous bright rose-pink Australian early flowering variety, and one of the best.

Do not overlook the Superb Newer Orchid-flowered Sweet Peas offered on this page



DREER'S GIANT
DOUBLE ZINNIA

Zinnia Mexicana "Golden Star"

4483 A pretty single-flowering variety with rich golden orange star-shaped flowers 2 to 3 inches across, it forms a compact bush about 15 inches high and makes a very effective golden line. In bloom from mid-summer till frost. 15 cts. per pkt.; 2 pkts. for 25 cts.

Zinnia Mexicana "Perfection"

4481 One of the most distinct and meritorious annuals of recent introduction. The plant is of dwarf, compact growth, 9 to 10 inches high by as much through, with fine foliage, and bears a multitude of very double flowers, about 1½ inches across, in a most unusual range of colors, including rose-tipped canary-yellow, maroon-tipped cream-yellow and wallflower-red, velvety garnet, etc., and altogether makes as pretty a border as anything we know of. Like other Zinnias it will grow and flourish in any sunny location. 15 cts. per pkt.; 2 pkts., 25 cts.

DREER'S SPECIAL STRAIN GIANT DOUBLE ZINNIAS

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 24 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc., grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under.

	PER PKT.
4511 Giant Golden-Yellow	15
4512 Giant Scarlet	15
4513 Giant White	15
4514 Giant Flesh-color	15
4515 Giant Sulphur-Yellow	15
4516 Giant Crimson	15
4519 Collection of a packet each of the above 6 colors, 75 cts.	
4520 Giant Mixed. All colors, 15 cts. per pkt.; 40 cts. per	

¼ oz.; \$1.25 per oz.



ZINNIA MEXICANA
"PERFECTION"

DREER'S RELIABLE GENERAL LIST of FLOWER SEEDS

FOR NOVELTIES

See pages 52 to 62.

For the convenience of our customers and to facilitate the filling of orders, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the catalogue, viz.: 1 pkt. 1010, 25 cts.; 3 pkts. 1090, 15 cts., means one packet Abutilon, mixed, 25 cts.; 3 pkts. Agrostemma Coronaria, 15 cts.

All Flower Seeds are sent postpaid at prices given.

COLLECTIONS OF FLOWER SEEDS

The following collections are made up of the best and easiest grown sorts and are sure to give satisfactory returns:

1134	Summer Flowering Annuals.	12 sorts, our selection.	...	\$0 50
1135	" " "	25 " " "	...	1 00
1136	Old-fashioned Annuals.	12 " " "	...	50
1133	Annuals for cutting.	12 " " "	...	50
3549	Old-fashioned Hardy Perennials.	12 " " "	...	50
2019	Quick-growing Annual Climbers.	12 " " "	...	50
3979	Shakespeare Flowers.	Old time garden flowers mentioned in Shakespeare's writings. 10 varieties.	...	50

Collections of Asters, Balsams, Dianthus, Marigolds, etc., are offered under their respective heads throughout the list.

ABUTILON (Flowering Maple)

1010	Fine Mixed.	Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors any time before April, they will produce plants that will flower outdoors the first season and indoors all winter. Mixed colors.	PER PKT.	25
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ACHILLEA (Milfoil, or Yarrow)

1021	Ptarmica "The Pearl."	One of the best hardy white perennials. Grows about 2 feet high, and from spring till frost is covered with heads of purest white double flowers. Easily grown from seed, flowering the first season if sown early..	25
1024	Millefolium Roseum (Rosy Milfoil).	Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer.	15



ACROCLINIUM

ACROCLINIUM

A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets.

A nice thing to grow in a mixed border aside from its use as an everlasting. (See cut.)

1040	Double Mixed.	$\frac{1}{4}$ oz., 30 cts.	PER PKT.	10
1050	Single Mixed.	$\frac{1}{4}$ oz., 20 cts.		5

ADLUMIA

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory)

1051	Cirrhosa.	A graceful hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed.	15
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AGROSTEMMA (Rose of Heaven, Mullein Pink)

1090	Coronaria.	An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery-white foliage; blooms the first season; fine for cutting; 2 feet. $\frac{1}{4}$ oz., 20 cts.	5
1091	— Alba.	A pure white variety.	10
1093	Flos Jovis (Flower of Jove).	Deep pink flowers on 12-inch high stems.	10



AGROSTEMMA CORONARIA



AGERATUM BLUE PERFECTION

AGERATUM (Floss Flower)

One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. (See cut).

PER PKT.

- 1071 **Blue Perfection.** This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. $\frac{1}{4}$ oz., 40 cts. 10
- 1076 **Little Blue Star.** A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers, a fine variety for edging. 25
- 1073 **Cope's Pet.** The best light-blue variety for edging. $\frac{1}{4}$ oz., 30 cts. 10
- 1078 **Princess.** A beautiful variety of compact, even growth, rarely exceeding 8 inches in height; the flowers are sky-blue with white centre, the contrast being really exquisite, $\frac{1}{4}$ oz., 40 cts. 10
- 1074 **Imperial Dwarf Blue.** Clear blue; 8 inches. $\frac{1}{4}$ oz., 25 cts. 5
- 1075 **Imperial Dwarf White.** 8 inches. $\frac{1}{4}$ oz., 25 cts. 5

ALYSSUM (Mad Wort)

Pretty little plants for beds, vases, baskets, edging or rockwork, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

- 1101 **Little Gem, or Carpet of Snow.** Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn, and undoubtedly the best white-flowering edging plant in the list. (See cut.) Per $\frac{1}{4}$ oz., 25 cts.; per oz., 75 cts. 5
- 1102 **Sweet Alyssum** (*A. Maritimum*). Of trailing habit; flowers white. Per oz., 40 cts. 5
- 1103 **Tom Thumb** (*Benthami Compactum*). Of dwarf, compact, erect growth; excellent for edging; white. Per oz., 50 cts. 5
- 1100 **Lilac Queen.** See Specialties, pages 52 to 62. Per $\frac{1}{4}$ oz., 50 cts. 10
- 1104 **Saxatile Compactum** (*Basket of Gold*). Showy, bright yellow flowers, hardy perennial; blooms the first season if sown early indoors; excellent for rockwork; 1 foot. 10

AMARANTHUS

Brilliant foliaged annuals growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the centre of large beds. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

PER PKT.

- 1111 **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping. 5
- 1116 **Cruentus** (*Prince's Feather*). Dark red feathery flowers. 5
- 1114 **Tricolor** (*Joseph's Coat*). Leaves red, yellow and green. $\frac{1}{4}$ oz., 20 cts. 5
- 1115 **Tricolor Splendens.** An improvement on the old sort, of more brilliant coloring. $\frac{1}{4}$ oz., 30 cts. 10

AMPELOPSIS (Boston, or Japanese Ivy)

- 1131 **Veitchi.** A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 50 cts. 10

ANEMONE (Windflower)

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring, keeping shaded till the plants appear.

- 1140 **Coronaria. Mixed Colors** (*Poppy Anemone*). 10
- 1146 **St. Brigid.** A beautiful selection of the above; our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. 15

ANTHEMIS (Hardy Marguerite)

- 1150 **Kelwayi.** A most satisfactory hardy perennial, bearing all summer daisy-like golden yellow blossoms; excellent for cutting; 2 ft. 15



A BORDER OF ALYSSUM LITTLE GEM

ANCHUSA (Alkanet)

- 137

Capensis

(Cape Forget-me-not).

A fine free-growing annual variety about 18 inches high, with sprays of lovely Forget-me-not blue flowers; blooms all summer.

$\frac{1}{4}$ oz., 25 cts.

10
- 138

Italica Dropmore Variety.

One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June.

$\frac{1}{4}$ oz., 50 cts.

15

ANTIRRHINUM (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. For full descriptions and plate showing them in colors see page 52.

Giant Varieties. Of tall growth, very large individual flowers:

- | | PER PKT. | | PER PKT. |
|--|----------------------------|--------------------------------|----------|
| 1171 Scarlet. Very bright. | 10 | 1174 Garnet. Very rich | 10 |
| 1172 White. Pure white. | 10 | 1175 Pink. Silver pink. | 10 |
| 1173 Yellow. Pure yellow. | 10 | 1176 Rose. Rich rose. | 10 |
| 1179 Collection of a packet each of the above 6 colors. | 50 | | |
| 1180 Giant Mixed. A splendid mixture, containing all the colors. | $\frac{1}{4}$ oz., 30 cts. | | |
| | 10 | | |
| Large-flowering Half-Dwarf Varieties. A splendid type, growing about 18 inches high, the best for bedding purposes: | | | |
| 1162 Daphne. Soft blush pink. | 10 | | |
| 1163 Defiance. Orange or russet red. | 10 | | |
| 1164 Golden Queen. Rich, pure yellow. | 10 | | |
| 1165 Firebrand. Rich, deep red. | 10 | | |
| 1166 Rose Queen. Rich rose. | 10 | | |
| 1167 Mont Blanc. Pure white. | 10 | | |
| 1169 Collection of above 6 sorts | 50 | | |
| 1170 Half-Dwarf Mixed. All the colors. | $\frac{1}{4}$ oz., 30 cts. | | |
| | 10 | | |
| 1160 Tall Mixed. The old-fashioned type; fine long spikes, grand for cutting. | $\frac{1}{4}$ oz., 25 cts. | | 5 |



DREER'S LONG-SPURRED AQUILEGIA OR COLUMBINE



ANCHUSA ITALICA, DROPMORE VARIETY

AQUILEGIA (Columbine)

No hardy plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in spring, and will in most cases bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

- | | PER PKT. |
|--|--------------------------------------|
| 1181 Californica hybrida. Exquisite flowers, in yellow and orange shades, all with long spurs. | $\frac{1}{8}$ oz., 50 cts. ... 10 |
| 1182 Canadensis. This is the scarlet and yellow native species, and one of the brightest. | $\frac{1}{8}$ oz., 30 cts. 10 |
| 1183 Chrysantha (Golden Spurred). Golden-yellow. | $\frac{1}{8}$ oz., 50 cts. 10 |
| 1185 Cœrulea (Rocky Mountain Columbine). Violet-blue and white; 2 feet. | $\frac{1}{8}$ oz., 50 cts. 10 |
| 1186 Cœrulea hybrida. Beautiful hybrids, bearing large flowers in a great variety of colors. | $\frac{1}{8}$ oz., 50 cts. 10 |
| 1187 Flabellata nana alba. A dwarf variety with glaucous foliage and large white flowers. | $\frac{1}{8}$ oz., 30 cts.. 10 |
| 1195 Helena. Flowers of a lovely shade of blue and pure white. | $\frac{1}{8}$ oz., 30 cts. 10 |
| 1197 Nivea Grandiflora. A beautiful large pure white. | $\frac{1}{4}$ oz., 25 cts. 5 |
| 1198 Vulgaris. The common European Columbine, flowers rich violet-blue; a strong grower. | $\frac{1}{4}$ oz., 25 cts. 5 |
| 1199 Collection containing a packet each of the 9 above named sorts. | 65 |
| 1206 Dreer's Long-spurred Hybrids. A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. | 2 pkts., 25 cts.... 15 |
| 1207 Double, all colors mixed. | Per $\frac{1}{4}$ oz., 25 cts..... 5 |
| 1210 Single, all colors mixed. | Per $\frac{1}{4}$ oz., 20 cts..... 5 |

ARABIS (Rock Cress)

- 1211 **Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat; 6 inches. $\frac{1}{4}$ oz., 30 cts. 10

ARCTOTIS (African Daisy)

- 1216 **Grandis.** A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window every one will open and produce as fine flowers as though left on the plant. $\frac{1}{4}$ oz., 30 cts. 10

ARMERIA (Sea Pink or Thrift)

- 1221 **Formosa.** A very pretty edging plant, bearing rosy-pink flowers; hardy perennial. 2 pkts., 25 cts. 15
- 1222 —**Alba.** Rose-tinted white. 15

Dreer's Large-flowering Antirrhinums, or Snapdragons

We illustrate these in colors and offer the best of both the tall and half-dwarf sorts on page 52.



ARGEMONE HYBRIDA GRANDIFLORA

PER PKT.



ARCTOTIS GRANDIS

ARGEMONE

(Mexican or Prickly Poppy)

PER PKT

1220 **Hybrida Grandiflora.**

We were delighted with a trial of this in our experimental grounds. The plants grew into sturdy bushes about 3 feet high, with



ARABIS ALPINA

very ornamental pale green, spiny foliage, with clear silvery midrib and veins and poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy-white. It came into bloom early in July and continued without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. 2 pkts., 25 cts. 15

ASPARAGUS

- 1231 **Plumosus Nanus.** This graceful Asparagus is an excellent house plant. \$1.00 per 100 seeds. 25
- 1232 **Sprengeri** (*Emerald Feather*). One of the best plants to grow in suspended baskets, window boxes, vases, etc.; for the greenhouse in winter and outside in the summer. 50 cts. per 100 seeds. 10

AURICULA (*Primula Auricula*)

- 1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches. 25

Dreer's Famous American Asters



ASTERMUM

Asters are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The varieties offered on this and the following three pages represent the finest Asters introduced to date, and are all firmly established favorites with the most critical growers of this popular flower, and should be in every garden where high quality is appreciated.

The early sorts, such as Queen of the Market, Lavender Gem and Royal, begin blooming in July, followed by the mid-season varieties, which are usually at their best during August, and which include such splendid sorts as Pink Beauty, Mikado, Ostrich Feather, and the Improved American Victorias. Then come the late-flowering kinds, which bloom from the end of August on through September into October. This class furnishes the finest flowers of all, and is well represented in our list by our Superb Late Branching in eight beautiful colors, our Peerless Pink, the finest Pink Aster grown, Crego's Giant, Crimson Giant, the Kings and a number of other fine sorts. It is quite easy, therefore, with a little care in the selection of the varieties, to have Asters in bloom from the first days in July until hard frost.

A Few Cultural Hints on the Growing of Asters

Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, rich soil, and the addition of wood ashes or air-slaked lime, and we do not advise growing them on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with almost as good results.

The main essentials to insure fine Asters are a rich soil, frequent cultivation, no check to their growth from start to finish and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Asters are sometimes attacked by an aphid at their roots; also by stem rot, a disease which causes the stem to decay just at the point where it emerges from the ground. Both of these troubles are rarely met with if the plants are grown on good soil and are not checked in their growth. The addition of wood ashes or air-slaked lime at the time of the preparation of the bed also helps to prevent these troubles.

The Aster or Black Beetle, which devours the flowers, can only be destroyed by hand-picking or by knocking them into a basin or receptacle in which there is some water and kerosene oil. As a rule, these beetles come in August, and by growing only the early and the late-flowering kinds can be avoided.

ASTERMUM ASTERS

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

1261 **Lavender.** A rich shade of lavender or light violet.

1262 **Pink.** A very attractive shade of lively rose-pink.

1263 **White.** Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

CHINA ASTERS

1340 **General Mixture.** This mixture was saved from the many sorts and colors grown on our trial grounds the past season. 5 cts. per pkt.; $\frac{1}{4}$ oz., 25 cts.

Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type (illustrated on page 68). We offer five colors, viz.:

1281 **White.** Pure white 15

1282 **Pink.** Delicate shell-pink 15

1283 **Purple.** Bright purple 15

1284 **Rose.** Rich deep rose 15

1285 **Lavender.** Deep lavender 15

1288 **Collection** of a packet each of the 5 colors, 60 cts.

1290 **Crego's Mixed.** All colors. 15 cts. per pkt.; 75 cts. per $\frac{1}{4}$ oz.

PER PKT.



Dreer's Famous American Asters

KING ASTERS

The "King" Asters form a distinct class or type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower. That we think highly of this type is evidenced by the fact that we include Rose King and Violet King in our collection of Six Famous American Asters, which we offer among our specialties on page 53.

1343 **Dreer's Crimson King.** The richest and deepest crimson variety known to us.

1344 **Lavender King.** Soft lavender blue.

1345 **Pink King.** An attractive delicate shell pink.

1346 **Rose King.** A beautiful brilliant rose variety.

1347 **Violet King.** A pleasing soft shade of violet.

1348 **White King.** Pure white.

Price. Any of the above, 15 cts. per pkt.

1349 **Collection** of a packet each of above, for 75 cts.

1350 **King Mixed.** Contains all the colors. 15 cts. per pkt.; 75 cts. per $\frac{1}{4}$ oz.

LAVENDER GEM ASTER

1353 One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems, and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.



DREER'S CRIMSON GIANT
ASTER

Dreer's Crimson Giant Aster

1305 This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large, densely double flowers few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

DREER'S SUPERB LATE-BRANCHING ASTERS

(Illustrated in colors on plate opposite page 53.)

This grand strain is of American origin, and is especially adapted to our climatic conditions.

The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems flowers which, under ordinary cultivation, average 5 inches across. They are usually at their best during September, and, all things considered, are the most valuable of all Asters, either for cutting or for bedding, and if only one kind of Aster is grown this is the type which will likely give the best results.

	PER $\frac{1}{4}$ OZ.	PER PKT.
1451 Azure Blue. A deep rich lavender...	60	10
1452 Deep Crimson. Rich and glowing..	60	10
1453 Deep Rose. Distinct and fine	60	10
1455 Pale Lavender. Exquisite greyish-blue	60	10
1456 Deep Purple. A rich royal shade..	60	10
1457 Rose-pink. A lovely shade; very popular.....	60	10
1461 Shell-pink. Soft and dainty.....	60	10
1467 Pure White. Perfect in its purity...	60	10
1469 Collection. A packet each of the 8 colors	60 cts.	
1470 Finest Mixed. All the colors mixed. $\frac{1}{4}$ oz.,	50 cts.; 10 cts. per pkt.	



CREGO'S GIANT COMET ASTER. (Offered on page 67)

Dreer's Famous American Asters

MIKADO ASTERS

A Comet variety, very similar to the Crego's Giant offered on page 67, but dwarfer in growth, and comes into bloom fully two weeks earlier. The plants attain a height of about 18 inches, of branching habit, and the flowers, borne on long, strong stems, are of colossal size, flowers five and six inches across being the rule. We offer two colors, viz :

1357 **Mikado Pink, or Rochester.** A charming shade of pink suffused with lavender. A color which shows to great advantage under artificial light.

1358 **Mikado White.** Of purest glistening white; a magnificent and artistic flower.

Price. Either of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.



ROYAL ASTER (Offered on page 70)

OSTRICH FEATHER ASTERS

This magnificent Aster produces flowers of immense size, made up of long, loosely-formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room.

PER PKT.		PER PKT.	
1361	Bright Rose.....10	1365	Violet Blue.....10
1362	Lavender.....10	1366	Vivid Crimson.....10
1364	Salmon Pink.....10	1367	Pure White.....10
1369	Collection containing a packet each of the 6 colors. 50		
1370	Mixed, all colors. $\frac{1}{2}$ oz., 75 cts.....10		



MIKADO ASTER

Dreer's "Peerless Pink" Aster

1393 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell pink and comes into bloom about the middle of August, being at its best during the early part of September. 15 cts. per pkt.; 2 pkts., 25 cts.

Dreer's "Pink Beauty" Aster

1396 This was introduced by us in 1908, and is a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with frequently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate blush pink, a shade that is always in demand for cutting. This has been pronounced by experts to be the finest pink mid-season Aster yet introduced. 15 cts. per pkts; 2 pkts., 25 cts.

Queen of the Market Asters

A first-class early-flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot.

	PER PKT.		PER PKT.
1401	Bright Rose 10	1405	Pink 10
1402	Crimson 10	1406	Purple 10
1403	Lavender 10	1407	White 10
1409	Collection. One packet each of the 6 colors . . 50		
1410	Mixed Colors. $\frac{1}{2}$ oz., 50 cts. 10		



Dreer's Famous American Asters



ROYAL ASTERS

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. The form of the flower is well shown in the illustration on page 69. We offer six beautiful and distinct colors.

PER PKT.

- 1412 **Lavender.** Soft lavender violet..... 15
- 1413 **Purple.** Rich, deep violet-purple..... 15
- 1414 **Rich Rose.** A bright color..... 15
- 1415 **Rose-Pink.** Very pretty, shaded white at centre.... 15
- 1416 **Shell-Pink.** Very delicate..... 15
- 1417 **White.** Purest white..... 15
- 1419 **Collection** of a packet each of the six colors..... 75
- 1420 **Mixed.** Containing all of the colors. $\frac{1}{4}$ oz., 75 cts.. 10

NEW RED ASTER, "SENSATION"

- 1442 This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging $3\frac{1}{2}$ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

Improved American Victoria Asters

This is by far the finest of all Asters for bed or borders where an even growth and a mass of flowers are wanted for effect; the sturdy upright plants, 12 to 15 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

PER PKT.

- 1471 **Daybreak.** Delicate La France pink..... 15
- 1472 **Purity.** Purest white..... 15
- 1473 **Pale Lavender.** A delicate shade..... 15
- 1474 **Rose-Pink.** Rose shading to blush-pink..... 15
- 1475 **Salmon-Pink.** Rich salmon-pink, exquisite..... 15
- 1477 **Azurea.** Rich, deep lavender-blue..... 15
- 1478 **Collection** of a pkt. each of the above 6 colors..... 60
- 1480 **Choicest Mixed.** All colors. $\frac{1}{4}$ oz., 75 cts..... 10

SINGLE CHINA ASTER

- 1440 The Single China Asters are very effective in beds or borders, and offer a pleasing change to the innumerable double sorts; mixed colors. $\frac{1}{4}$ oz., 30 cts..... 10

HARDY PERENNIAL ASTER

PER PKT.

- 1400 **Mixed** (*Michaelmas Daisies*). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. $\frac{1}{4}$ oz., 50 cts..... 10

BEGONIAS

Everblooming Bedding Varieties

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high, and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors

	PER PKT.
1562 Erfordia. Bright rosy-carmine.....	25
1564 Prima Donna. Limped-rose, shading to carmine at the centre; everblooming	25
1565 Gracilis Rosea. Handsome flowers of a delicate rose color.....	15
1563 Luminosa. Brilliant fiery dark scarlet; very bright.....	25
1577 Salmon Queen. The highest colored of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding.....	25
1571 Vernon. Bright orange-carmine flowers; deep red foliage.....	10

1580 **Semperflorens, Single Mixed.**
This mixture contains all the colors from pure white to deepest crimson; splendid..... 10



BEGONIA SEMPERFLORENS



BALLOON VINE

Balloon Vine

(Love-in-a-Puff)
PER PKT.

1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. (See cut). Per oz., 25 cts..... 5

Baptisia (False Indigo)

1541 **Australis.** A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long. Bright blue; 2½ feet... 10

Double Camellia-flowered Balsams

(Lady Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet. Start the seed indoors in April, or sow out of doors in May. To grow fine specimens they should not be closer than 18 inches apart. (See cut.)

1532 Salmon Prince. Exquisite salmon-pink; very double.....	10
1533 Light Yellow.....	5
1534 Scarlet. Brilliant fiery scarlet.....	5
1535 Solferino. Striped and spotted white, lilac and scarlet.....	5
1536 Violet. Very rich.....	5
1537 White Perfection (<i>Alba Perfecta</i>). Very double, immense solid round flowers of purest white.....	10
1538 Collection of the 6 colors offered above.....	30
1540 Double Camellia-flowered. Finest mixed. ¼ oz., 25 cts.....	5

BOCCONIA (Plume Poppy, or Tree Celandine)

1611 **Cordata.** Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. ¼ oz., 25 cts. 10



BALSAM SALMON PRINCE



BELLIS (Double Daisy)

BELLIS (English Daisy)

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test out of over twenty sorts:

PER PKT.

- 1594 Longfellow. Large, double-pink flowers. 10
- 1596 Ranunculiflora Alba. A splendid type with densely double pure white flowers, not very large, but very free-flowering. 15
- 1597 Ranunculiflora Rosea. Identical to the preceding except in color, which is a bright rosy pink. 15
- 1598 Giant White. Each plant produces but a few flowers, but these are of enormous size, almost as big as a good-sized Aster. 25
- 1591 Giant Rose. Same as the above except in color. 25
- 1598 The Bride, or Improved Snowball. A fine large double free-flowering pure white. 10
- 1595 Double Quilled. Double quilled flowers in mixture, containing red, pink and white. 25
- 1600 Double Mixed. A fine mixture, containing all the colors, $\frac{1}{4}$ oz., 50 cts. 10

BOLTONIA (False Chamomile)

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September; very effective.

- 1615 Asteroides. White. 10
- 1616 Latisquama. Pink, tinged with lilac. 10

CARDINAL CLIMBER

The prettiest and most attractive annual climber ever introduced. For description and price see page 55.

BRACHYCOME (Swan River Daisy)

PER PKT.

- 1620 Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. (See cut.) $\frac{1}{4}$ oz., 30 cts. 5

BROWALLIA (Amethyst)

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue very uncommon; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back.

- 1637 Speciosa Major. A beautiful flowering variety of the most brilliant ultramarine blue; a rare color; does finely outside in the border, or in hanging baskets or vases, but is especially valuable as a pot plant for winter and early spring flowering. 25
- 1640 Elata Mixed. Blue and white. 18 inches. $\frac{1}{4}$ oz., 25 cts. 5



BRYONOPSIS

BRYONOPSIS

- 1641 Laciniosa. A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning when ripe to bright scarlet striped white; 10 to 20 feet. (See cut.) 10

CACALIA

(Tassel Flower, or Flora's Paint Brush)

- 1650 A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed; $1\frac{1}{2}$ feet. $\frac{1}{4}$ oz., 25 cts. 5



BRACHYCOME

Calendula (Pot Marigold)

This is the "Marygold" of Shakespeare's time; one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter and early spring; 1 foot. (See cut.)

PER PKT.

- 1681

Meteor.

Large double yellow, each petal striped with orange. Oz., 25 cts.....

5
- 1684

Prince of Orange.

Like Meteor, but darker. Oz., 25 cts.....

5
- 1682

Orange King.

Very large double flowers of a dark orange-red. Oz., 30 cts.....

5
- 1685

Pure Gold.

A grand variety, with double extra large flowers of a pure golden-yellow. Oz., 30 cts..

5
- 1686

Lemon King.

Very large and extremely double flowers of a pleasing lemon-yellow color. Oz., 25 cts.....

5
- 1687

Favorite.

Light sulphur, each petal striped with creamy-white; the lightest colored variety. Per oz., 30 cts.....

5
- 1688

Pluvialis (Cape Marigold).

A pretty single-flowering sort; white daisy-like flowers, under side of the petals lilac. Oz., 40 cts....

5
- 1690

Mixed.

All the double sorts. Oz., 25 cts.....

5
- 1689

Collection,

one packet each of the 7 separate sorts

25



GROUP OF CALENDULAS

Canary-Bird Vine

(Tropaeolum Canariense)

- 1749

A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.) Per oz., 25 cts.....

5



CANARY-BIRD VINE

CALCEOLARIA

PER PKT.

- 1671

Dreer's Perfection.

An ornamental plant, producing a mass of beautiful pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist, and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free-flowering.....

50

CANNA (Indian Shot)

- Dwarf, Large-flowering French.

Unquestionably the finest of bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy loam, and place in a hotbed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.
- 1799

Collection

of a packet each of six grand sorts

30
- 1790

Mixed.

Saved from the finest sorts. Per oz., 25 cts.....

5

The growing of high-grade Cannas is one of our leading specialties. For list of same see pages 124 and 125.

DREER'S PERFECTION CALCEOLARIA



GROUP OF CALLIOPSIS

CALLIOPSIS

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

PER PKT.

- 1696 **Bicolor Nana.** Of dwarf, compact, even growth; flowers clear yellow with small garnet eye; 9 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1697 **Crimson King.** A fine dwarf sort, 9 inches high; color rich velvety crimson-garnet. $\frac{1}{4}$ oz., 30 cts. 10
- 1701 **Crown of Gold.** Large, rich, golden-yellow, 18 inches. $\frac{1}{4}$ oz., 30 cts. 10
- 1702 **Golden Wave (Drummondii).** Rich golden-yellow with small chestnut-brown centre; very free; 12 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1707 **Golden Ray.** Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon edged with golden-yellow, and having twisted petals like a Cactus Dahlia. $\frac{1}{4}$ oz., 30 cts. 10
- 1708 **Marmorata.** A very showy sort, growing 2 feet high and covered with bright golden-yellow flowers, marbled with Wallflower-red. $\frac{1}{4}$ oz., 20 cts. 5
- 1703 **Nigra Speciosa.** A strong grower with good-sized flowers of rich reddish maroon; 2 feet. $\frac{1}{4}$ oz., 20 cts. 5
- 1705 **Tiger Star.** Plants not over 9 inches high, flowers of rich reddish brown, tigered with golden-yellow, not unlike some of the Orchids. $\frac{1}{4}$ oz., 30 cts. 10
- 1704 **Tinctoria.** Another showy variety, the large flowers being bright yellow and maroon, about evenly divided; 24 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1706 **Double Tinctoria.** Double and semi-double very showy flowers of rich maroon, edged with gold; 18 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1710 **Mixed.** All the choice sorts in mixture. Per oz., 30 cts. 5
- 1709 **Collection.** Containing a packet each of the above 10 sorts 50

CANDYTUFT (Iberis Umbellata)

The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring; when sown in April, flowers in June; successive sowings should be made at intervals. Hardy and easy to grow. Single plants transplanted look well and bloom profusely; 1 foot.

PER PKT.

- 1751 **Carmine.** Bright carmine rose. Oz., 60 cts. 10
- 1752 **Crimson.** Rich deep shade. Oz., 30 cts. 5
- 1753 **Giant Hyacinth-flowered or Improved Empress.** As the result of extra care and painstaking selection this is now the finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. (See cut.) Per $\frac{1}{2}$ oz., 35 cts.; oz., 60 cts. 10
- 1755 **White Fragrant.** Flowers small, very sweetly scented. Oz., 30 cts. 5
- 1756 **White Rocket.** Good spikes of pure white. Oz., 25 cts. 5
- 1757 **Lavender.** Delicate shade of rosy-lavender. Oz., 30 cts. 5
- 1760 **Mixed Colors.** Oz., 25 cts. 5

For Perennial Candytuft see *Iberis*, page 92.

DREER'S LARGE-FLOWERING**ANTIRRHINUMS or SNAPDRAGONS**

We offer six beautiful colors of both the Giant and Half-Dwarf types. For full description and colored plate see page 52.

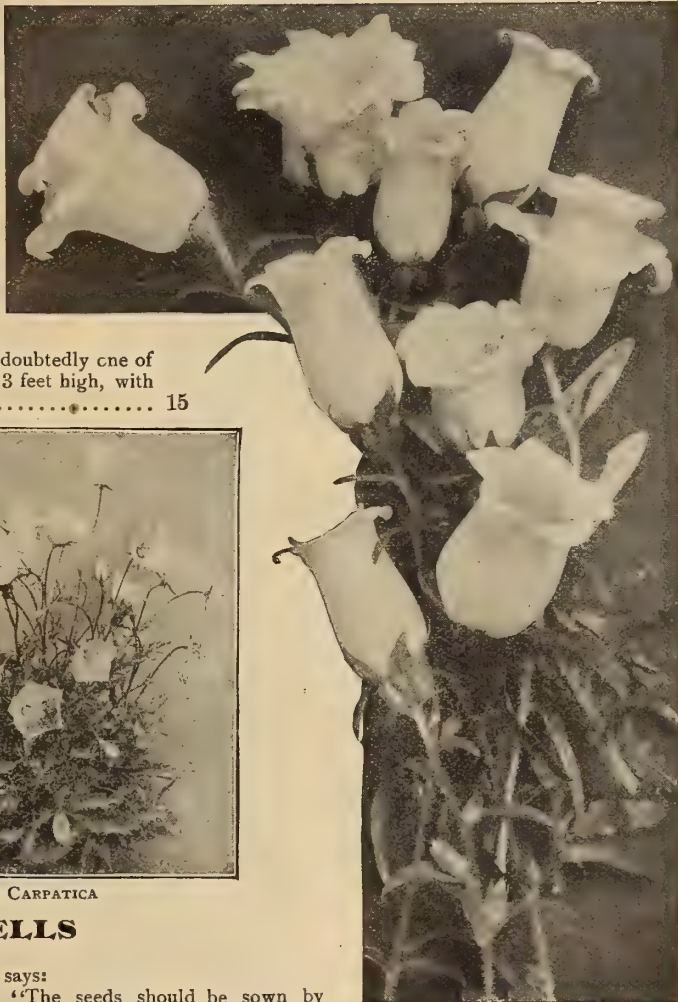


GIANT HYACINTH-FLOWERING OR IMPROVED EMPRESS CANDYTUFT

CAMPANULAS
or BELLEFLOWERS

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive, bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

- PER PKT.
- 1721 **Carpatica** (*Carpathian Hare Bell*). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. $\frac{1}{4}$ oz., 40 cts. 10
- 1720 — **Alba**. The white-flowered form of the above. $\frac{1}{4}$ oz., 40 cts. 10
- 1724 **Persicifolia Grandiflora** (*Peach Bells*.) Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers. 15
- 1725 — **Alba**. The white-flowered Peach Bells. 15
- 1728 **Pyramidalis** (*The Chimney Bellflower*.) A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. $\frac{1}{4}$ oz., 50 cts. 10
- 1729 — **Alba**. Same as above, but with white flowers. $\frac{1}{4}$ oz., 50 cts. 10



CAMPANULA CARPATICA

CANTERBURY BELLS

(Campanula Medium)

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require.

Calycanthemum (*Cup and Saucer Canterbury Bells*). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors, as well as in mixture, viz.:

- PER PKT.
- 1736 **Rose Pink**. Delicate rosy-pink. 15
- 1735 **Blue**. A fine clear shade. 15
- 1738 **White**. Pure white. 15
- 1740 **Finest Mixed**. All colors of the Cup and Saucer type. $\frac{1}{4}$ oz., 75 cts. 10

Medium (*Single Canterbury Bells*). The old-fashioned sort with beautiful, large bell-shaped blossoms; we offer four distinct colors and mixed, as follows: PER PKT.

- 1744 **Dark Blue**. 10 | 1746 **Rose**. 10
- 1745 **Light Blue**. 10 | 1747 **White**. 10
- A packet of each of the four colors, 30 cts.

- 1748 **Single Mixed**. All colors. $\frac{1}{4}$ oz., 25 cts. 5
- 1741 **Double Mixed**. All the double-flowering medium varieties. $\frac{1}{4}$ oz., 50 cts. 10



CAMPANULA PERSICIFOLIA (Peach Bells)

CUP AND SAUCER AND SINGLE
CANTERBURY BELLS



GIANT MARGUERITE CARNATION

CARNATION

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud type are the best for summer flowering.

PER PKT.

- 1850 **Hardy Border Double Mixed.** A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. $\frac{1}{2}$ oz., 30 cts. 10
- 1831 **Chabaud's Everblooming.** Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors. 25

MARGUERITE CARNATIONS

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully-fringed, highly-scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

PER PKT.

PER PKT.

- | | |
|--|------------------------------------|
| 1811 Deep Crimson. 10 | 1814 Fiery Scarlet. 10 |
| 1812 Yellow. 10 | 1815 Striped. 10 |
| 1813 Bright Rose. 10 | 1816 Pure White. 10 |
| 1818 Collection of 1 pkt. each of the above 6 colors. 50 | |
| 1820 Mixed. All colors Marguerite Carnations. $\frac{1}{2}$ oz., 40 cts. 5 | |

GIANT MARGUERITE CARNATION

- 1830 An improved strain, producing flowers of immense size, frequently measuring $2\frac{1}{2}$ to 3 inches across; strong, vigorous growers and wonderfully free-flowering; mixed colors. $\frac{1}{2}$ oz., 50 cts. 10

CELOSIA CRISTATA (Cockscomb)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

PER PKT.

- 1851 **Empress.** Rich crimson; combs of colossal proportions... 10
- 1852 **Glasgow Prize.** Immense, showy dark crimson combs... 10
- 1853 **Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. 10
- 1860 **Dwarf, Mixed.** Fine dwarf varieties. $\frac{1}{4}$ oz., 30 cts. 5
- 1858 **Collection of 6 colors dwarf Cockscombs,** 40 cts.

CELOSIA PLUMOSA (Feathered Cockscomb)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

- 1865 **Childsi (Chinese Woolflower).** This attractive novelty is offered with other specialties on pages 52 to 62. 15
- 1867 **Thompson's Superb (Triomphe de l'Exposition).** Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. $\frac{1}{4}$ oz., 40 cts. 10
- 1868 **Thompsoni Magnifica.** Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. $\frac{1}{4}$ oz., 50 cts. 15
- 1866 **Golden Plume.** Bright, golden-yellow plumes. $\frac{1}{4}$ oz., 40 cts. 10
- 1870 **Plumosa, Mixed.** Feathered varieties in all colors. $\frac{1}{4}$ oz., 25 cts. 5



CELOSIA CRISTATA, GLASGOW PRIZE



CELOSIA PLUMOSA THOMPSON'S SUPERB

CENTAUREAS

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost anywhere, and are much in demand as cut flowers.

CORNFLOWERS (*Centaurea Cyanus*)

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, and sometimes as Ragged Robin, but which name belongs to one of the *Lychnis* and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover, and always included in old-fashioned gardens. They usually re-seed themselves coming up year after year. A bunch of the blue sorts, with a few yellow *Calliopsis*, *Marigolds*, *Calendulas* or *California Poppies*, makes a very rich combination.

- PER PKT.
- 1876 **Cyanus Blue.** The favorite dark blue sort so much in demand for cutting. Per oz., 40 cts. 5
- 1877 — **Rose.** Per oz., 40 cts. 5
- 1878 — **White.** Per oz., 40 cts. 5
- 1880 — **Mixed.** Blue, white, rose, etc. Per oz., 30 cts. 5
- 1881 — **Double Blue.** This was introduced by us in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. $\frac{1}{4}$ oz., 50 cts.; 2 pkts., 25 cts. 15
- 1890 — **Double-flowered Mixed.** All colors, including blue, rose, white, etc. Per oz., 50 cts. 10



CENTAUREA IMPERIALIS (Royal Sweet Sultan)



CENTAUREA CYANUS (Cornflower)

CENTAUREA IMPERIALIS

(Royal Sweet Sultans)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. (See cut.) We offer the following distinct colors;

- | PER PKT. | | PER PKT. | |
|---|----------------------------|----------|--|
| 1891 Brilliant Rose ... 10 | 1894 Deep Purple.... 10 | | |
| 1892 Dark Rose..... 10 | 1895 Delicate Lilac.... 10 | | |
| 1893 Deep Lavender.. 10 | 1896 Pure White..... 10 | | |
| 1899 Collection containing a packet each of the 6 colors.. 50 | | | |
| 1900 Finest Mixed Colors. $\frac{1}{4}$ oz., 25 cts ... 5 | | | |

VARIOUS CENTAUREAS

- 1874 **Americana (Basket Flower).** A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting. $\frac{1}{4}$ oz., 25 cts. 5
- 1901 **Suaveolens (Yellow Sweet Sultan, or Grecian Cornflower).** Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting, lasting well. $\frac{1}{4}$ oz., 25 cts. 5

WHITE-LEAVED CENTAUREAS

(Dusty Millers)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved *Cannas* or *Scarlet Sage* these are particularly effective. Sow the seed early indoors, and transplant in May. The white-leaved *Cinerarias* are also known as *Dusty Millers*. See page 79.

- 1871 **Candidissima.** Silvery white; leaves broadly cut. Per 1000 seeds, 50 cts. 15
- 1872 **Gymnocarpa.** Fine-cut silvery foliage; $1\frac{1}{2}$ feet. Per 1000 seeds, 30 cts. 10

Chrysanthemums

ANNUAL VARIETIES

Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumn-flowering varieties:

- 1925 **Inodorum Plenissimum** (*Double White Mayweed*). Makes a bushy plant about 2 feet high, with fine feathery foliage, and pure white, intensely double flowers, which are produced from mid-summer till frost; splendid for cutting. $\frac{1}{4}$ oz., 30 cts. 10
- 1926 **Segetum, Evening Star, or Helios** (*Corn Marigold, or Annual Golden Marguerite*). A splendid variety for cutting; flowers 3 inches across, of pure golden-yellow; in general appearance resembles the yellow Paris Daisy. $\frac{1}{4}$ oz., 25 cts. 10
- 1923 **Coronarum, Double Mixed**. Yellow, white, etc. (See cut.) Oz., 40 cts. 5
- 1930 **Single Mixed** (*Painted Daisies*). Many colors. (See cut.) Oz., 40 cts. 5
- 1929 **Collection** of 8 distinct summer-flowering annual varieties. 30



SINGLE ANNUAL CHRYSANTHEMUMS

SHASTA DAISIES

(*Chrysanthemum Leucanthemum*)

- 1948 **Alaska**. A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. 5 pkts., \$1.00. 25
- 1950 **Shasta Daisy**. A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts. 15

SHASTA DAISY
ALASKA

Chrysanthemums PERENNIAL VARIETIES

PER PKT.

- 1944 **Japanese Hybrids**. Our stock of this comes to us direct from Japan, and is saved from a magnificent collection of over one hundred varieties, and cannot fail to produce satisfactory results. Seeds sown in spring will produce flower-

ing plants by fall. 25

- 1945 **Double Early-flowering**. A new race which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors. 25

- 1951 **Hardy Pompon**. A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors. 25

- 1946 **Maximum King Edward VII** (*Moon-penny Daisy*). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. $\frac{1}{4}$ oz., 30 cts. 10

CERASTIUM (Snow in Summer)

- 1911 **Tomentosum**. A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. 15



CHRYSANTHEMUM CORONARIUM



CLEOME GIGANTEA

WHITE-LEAVED CINERARIA

(Dusty Miller)

PER PKT.

- 1971 **Maritima Candidissima.** These, as well as the white-leaved *Centaureas* offered on page 77, are called "Dusty Millers." Fine for bedding, ribbon beds and margins; prized for their beautiful downy, silvery foliage; half hardy perennials, but should be treated as annuals; 2 feet. $\frac{1}{4}$ oz., 25 cts. 5



CINERARIA MARITIMA

CINERARIA HYBRIDA

Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. *Cinerarias* grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

- 1963 **Dreer's Prize Dwarf.** Dwarf compact plants not over a foot high with immense heads of large individual flowers in a great range of beautiful colors. 35
- 1964 **Dreer's Prize Tall.** Of taller growth than the above with flowers of extraordinary size. 35
- 1961 **Matador.** The new large-flowering scarlet, which adds considerable life and brilliancy to a collection. 50
- 1966 **Stellata (Star Cineraria).** A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary *Cineraria*; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting. 25

CLARKIA

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. (See cut.)

PER PKT.

- 1981 **Elegans Alba Fl. Pl.** Very double, pure white. 10
- 1984 — **Brilliant.** Rich crimson scarlet; very double. 10
- 1982 — **Salmon Queen.** Extra double, salmon-pink. 10
- 1983 — **Scarlet Queen.** A brilliant orange-scarlet, a rare shade. 10

A pkt. each of the 4 sorts, 30 cts.

- 1990 **Elegans Double Mixed.** A fine mixture containing all the colors. $\frac{1}{4}$ oz., 25 cts. 10

CLEOME (Giant Spider Flower)

- 2002 **Gigantea.** In our trial grounds this proved to be the finest *Cleome* we had ever seen. The plants attain a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. $\frac{1}{4}$ oz., 25 cts. 10

- 2003 **Gigantea Alba.** A splendid pure white variety. 10



CLARKIA



COBÆA SCANDENS

Convolvulus

(Morning Glory)

MAJOR, or CLIMBING MORNING GLORIES

Deservedly very popular, as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; annuals 15 feet. (See cut.)

- 2060 **Mixed.** All colors. Per oz., 20 cts. 5
 2061 **Double Flowering.** About 80 per cent. of the seedlings will produce double flowers, the remainder semi-double or single. Per oz., 50 cts. 10

Imperial Japanese or Emperor Morning Glories are offered on page 92.

MINOR, or DWARF MORNING GLORIES

While these are called Dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect.

- 2053 **Minor Roseus Superbus.** A very attractive sort, with glistening satiny rose-pink flowers. Per oz., 25 cts. 5
 2052 **Minor Tricolor, Mixed.** A very large range of color, from pure white to deep purple; annual; 1 foot. Per oz., 20 cts. 5

COBÆA (Cups and Saucers Vine)

A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. (See cut.)

- 2021 **Scandens.** Large, bell-shaped purple flowers. $\frac{1}{4}$ oz., 25 cts. 10
 2022 **Scandens Alba.** Pure white. $\frac{1}{4}$ oz., 40 cts. 15

COLEUS (Flame Nettle)

- 2040 **Dreer's Hybrids.** Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Easily raised. Sow indoors in March or April. 25
 2041 **Ornatus.** Splendid large-leaved variety, with strikingly handsome variegated foliage; of great value for all decorative purposes 25

RAINBOW CORN (Zea Japonica Variegata)

- 2662 As an ornamental foliage plant this is not only highly effective, but very interesting. It grows about 5 feet high, quite bushy, the wonderfully variegated leaves being striped with bright green, silvery white, rosy-purple and sulphur yellow. It makes a very pretty dividing line between the vegetable and flower garden, or it may be used in the mixed border. Per oz., 30 cts. 10



CONVOLVULUS MINOR

COWSLIP (Primula Veris)

- 2110 **Mixed.** A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown-edged yellow, etc. Very fragrant; 6 inches 10
 2112 **Invincible Giant.** Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimson. 5 pkts., \$1.00. 25



CONVOLVULUS MAJOR (Morning Glory)

COREOPSIS

PER PKT.

2071 Lanceolata Grandiflora. This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) $\frac{1}{4}$ oz., 25 cts..... 10

COSMOS

Beautiful autumn-blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations when other flowers are scarce. Should be sown in Spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. The sorts offered below produce the finest flowers, but bloom late, and for points north of Philadelphia it is safer to get the extra early flowering type.

Mammoth Perfection. A magnificent selection, bearing flowers of mammoth size and perfect form. We offer the following colors:

- | | | |
|--|---------------------------------|----|
| 2096 Crimson. Rich and deep. | $\frac{1}{4}$ oz., 25 cts..... | 10 |
| 2097 Light Pink. A popular color. | $\frac{1}{4}$ oz., 25 cts. ... | 10 |
| 2098 Pure White. | $\frac{1}{4}$ oz., 25 cts | 10 |
| A packet each of the three colors, 25 cts. | | |
| 2100 Mixed Mammoth Perfection. | $\frac{1}{4}$ oz., 20 cts.. | 10 |



MAMMOTH PERFECTION COSMOS



COREOPSIS LANCEOLATA GRANDIFLORA

PER PKT.

- 2093 Giant Pink Lady Lenox.** This is the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems; in color a beautiful deep rosy-pink. $\frac{1}{4}$ oz., 30 cts..... 10
- 2094 Giant White Lady Lenox.** The white-flowered form of the above. $\frac{1}{4}$ oz., 30 cts.. .. 10
- 2081 Double Crimson**..... 20
- 2082 Double Pink**..... 20
- 2084 Double White**..... 20

A packet each of the 3 Doubles for 50 cts.

- 2092 "Klondyke."** Golden-yellow flowers borne on long stems, and measure from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower... 10

EXTRA EARLY-FLOWERING COLOSSAL COSMOS

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. By careful selection they now have flowers as large as the late-flowering kinds, and will undoubtedly perfect their blooms in the most northerly States.

- | | PER $\frac{1}{4}$ OZ. | PER PKT. |
|--|-----------------------|----------|
| 2085 Crimson. Very rich..... | 30 | 10 |
| 2086 Pink. A pretty shade..... | 30 | 10 |
| 2087 Pure White | 30 | 10 |
| A pkt. each of the 3 colors for 25 cts. | | |
| 2090 Mixed. All colors. $\frac{1}{4}$ oz., 25 cts | | 10 |



CYCLAMEN

Charming house plants, with beautiful foliage and rich-colored, fragrant flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the spring or autumn.

- 2120 **Persicum.** A very fine strain, not so large, but easier to grow than the Giants; mixed colors..... 15
- 2130 **Giant Finest Mixed.** Saved from a superb collection..... 25
- 2123 **Butterfly.** In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors..... 50

PER PKT.

CYPRESS VINE (*Ipomoea Quamoclit*)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours; 15 feet.

- 2156 **Scarlet.** Per oz., 50 cts..... 5
- 2157 **White.** Per oz., 50 cts..... 5
- 2160 **Mixed.** White and scarlet. Per oz., 40 cts..... 5

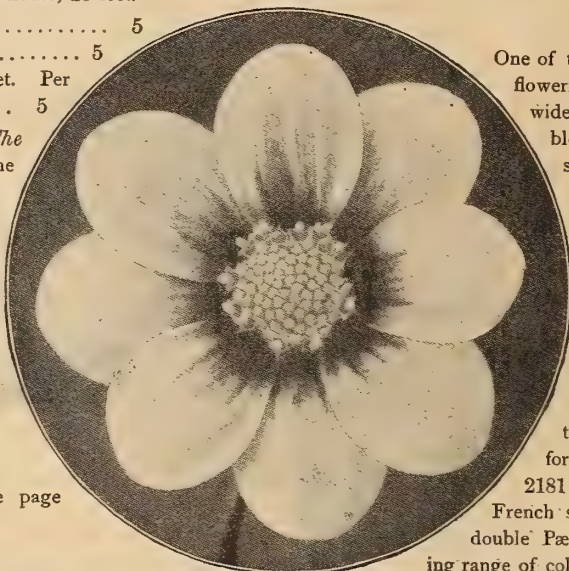
- 2158 **Quamoclit Hybrida** (*The Cardinal Climber*). The best annual climber introduced in many years; beautiful fern-like foliage and brilliant cardinal flowers. 2 pkts., 25 cts..... 15

Dreer's Large-flowering Antirrhinums or Snapdragons

Do not overlook these. See page 52.



CYPRESS VINE

GIANT PERFECTION
SINGLE DAHLIA

DOUBLE CACTUS DAHLIAS

DAHLIAS

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

PER PKT.

2186 Twentieth Century.

In size the flowers are giants, $4\frac{1}{2}$ to 7 inches across, and in color vary from almost pure white to deep crimson-lake. 2 pkts. for 25 cts..... 15

2181 Colossal Pæony-flowered.

French strain, producing mammoth semi-double Pæony-like flowers in a bewildering range of colors. 2 pkts. for 25 cts..... 15

2185 **Collette.** A novel type, having a row of petals around the disc like a frill or collar, which is of a different color to the regular petals; mixed colors.... 15

2182 **Giant Perfection.** This strain produces single-flowers of immense size, averaging 6 inches across, in a great variety of coloring. $\frac{1}{4}$ oz., 50 cts..... 15

2190 **Single Mixed.** All colors. $\frac{1}{4}$ oz., 25 cts..... 5

2196 **Double Cactus.** This type is very desirable. Many colors. $\frac{1}{8}$ oz., 50 cts..... 15

2197 **Giant Double Decorative.** This comes from a famous French hybridizer, who states that it has been saved from a superb collection containing a very varied range of colors, with flowers frequently 8 inches across..... 25

2200 **Double Large-flowering.** Saved from fine double show sorts. $\frac{1}{4}$ oz., 50 cts..... 10

DATURA (Trumpet Flower)

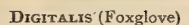
Ornamental annuals with large and showy flowers, making handsome plants, 2 to 3 feet high.

2212 **Cornucopia** ("Horn of Plenty"). A grand variety, the flowers averaging 8 inches long by 5 inches across; French white inside; purple outside; delightfully fragrant; started early, will flower from early summer until fall..... 10

2213 **Fastuosa Huberiana.** Large double flowers of various colors. $\frac{1}{4}$ oz., 25 cts..... 5



(*Everblooming Hardy Larkspur*) This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise blue of its flowers is not equalled for delicacy and beauty. A really exquisite variety. 5 pkts., \$1.00. 25



- ANNUAL LARKSPURS** are offered on page 93



DIANTHUS OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when the danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double flowering sorts are almost as fine as Carnations for cutting. They are not particular as to soil, but should have a sunny location.

DOUBLE ANNUAL PINKS

PER PKT.

- 2250 **Chinensis Fl. Pl.** (*China or Indian Pink*). Blooms in clusters, flowers very double and in a large range of bright colors. $\frac{1}{4}$ oz., 25 cts. 5
- 2255 **Violet Queen.** Rich violet, an unusual shade. $\frac{1}{4}$ oz., 50 cts. 10
- 2260 **Diadematus Fl. Pl.** (*Double Diadem Pink*). Beautiful double flowers; mixed, of various tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white. $\frac{1}{4}$ oz., 40 cts. 5
- 2266 **Snowball.** Large double white, splendid for cutting or as a border. $\frac{1}{4}$ oz., 40 cts. 5
- 2267 **Mourning Cloak (White Frill).** Rich, blackish, velvety crimson, margined white. $\frac{1}{4}$ oz., 30 cts. 5
- 2268 **Salmon King.** Brilliant salmon rose. 15
- 2270 **Heddewigi Fl. Pl.** (*Double Japan Pink*). Double mixed. Colors varying from the richest velvety crimson to the most delicate rose. $\frac{1}{4}$ oz., 30 cts. 5
- 2277 **Fireball.** Rich, blood-red flowers. Makes a striking contrast to the variety Snowball. $\frac{1}{4}$ oz., 40 cts. 5
- 2280 **Imperialis Fl. Pl.** (*Double Imperial Pink*). Double mixed in a very large range of colors. $\frac{1}{4}$ oz., 30 cts. 5
- 2283 **Striped Beauty.** Striped in great variety of colors. Very gay. $\frac{1}{4}$ oz., 40 cts. 5
- 2287 **Mirabilis Fl. Pl.** (*Double Marvellous Pink*). Large, wonderfully fringed double flowers on long, stiff stems, the colors ranging from pure white through all the shades of rose to dark crimson. 10
- 2288 **Lucifer.** A new double-flowering form of the bright geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color, a general favorite. 15
- 2289 **Collection Brilliant Dianthus.** Containing a packet each of six of the best double and six of the best single sorts, 60 cts.

GROUP OF DOUBLE ANNUAL PINKS

- 2290 **Laciniatus Fl. Pl.** (*Double Fringed Pink*). Large, double, showy flowers, with fringed edges, in a great variety of colors. $\frac{1}{4}$ oz., 30 cts. 5
- 2300 **Nobills Fl. Pl.** (*Double Royal Pinks*). Flowers of largest size, varying in color from scarlet to dark blood-red and rose to white. $\frac{1}{4}$ oz., 50 cts. 10

HARDY GARDEN PINKS (*Dianthus Plumarius*, etc.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

- 2340 **Plumarius** (*Grass Pink, Scotch Pink, or Pheasant-eye Pink*). A beautiful single hardy Pink, with fringed-edged flowers of various colors. $\frac{1}{4}$ oz., 30 cts. 5
- 2337 **Plumarius Fl. Pl.** (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors. $\frac{1}{4}$ oz., 50 cts. 10
- 2336 **Plumarius Semperflorens** (*Everblooming Hardy Garden Pink*). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. 25
- 2342 **Latifolius Atrococcineus Fl. Pl.** (*Everblooming Hybrid Sweet William*). This is a cross between an annual Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet. $\frac{1}{4}$ oz., 50 cts. 15
- 2343 **Latifolius Double Mixed.** In addition to the brilliant crimson scarlet sort offered above, this mixture contains purple, violet and rose. $\frac{1}{4}$ oz., 40 cts. 10

The beautiful SINGLE ANNUAL PINKS are offered on page 85

DIANTHUS, or PINKS

SINGLE ANNUAL PINKS

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

PER PKT.

- 2301 "**Crimson Belle.**" Rich velvety crimson. Per $\frac{1}{4}$ oz., 30 cts. 5
- 2302 "**Eastern Queen.**" Beautifully marbled rose and mauve flowers. Per $\frac{1}{4}$ oz., 30 cts. 5
- 2303 **Nobilis** (*Royal Pinks*). Selected and improved varieties of the popular single-flowering Japan Pink. The colors vary from white to dark red. 10
- 2310 **Heddewigi** (*Single Japan Pink*). Finest selected single-flowered, mixed. Per $\frac{1}{4}$ oz., 25 cts. 5
- 2315 **Punctatus** (*Princess Pinks*). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors. $\frac{1}{4}$ oz., 40 cts. 10
- 2316 **Marvelous.** This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish-red. 10
- 2317 "**Salmon Queen.**" The well-formed, nicely-fringed flowers are a brilliant salmon color, changing into a salmon-rose when fading. The seeds of this variety are white or yellowish-white; those of other annual Pinks are dark brown or black. 10
- 2319 **Vesuvius.** Brilliant geranium-red; makes a very effective bed or border. Per $\frac{1}{4}$ oz., 50 cts. 10
- 2320 **Laciniatus** (*Single-Fringed Pink*). A beautiful fringed variety; various colors. Per $\frac{1}{4}$ oz., 30 cts. 5
- 2289 **Collection Brilliant Dianthus.** Containing a packet each of six of the best double and six of the best single sorts. 60



GROUP OF SINGLE ANNUAL PINKS

DIMORPHOTHECA (African Golden Daisy)

PER PKT.

- 2375 **Aurantiaca.** An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers, which are $2\frac{1}{2}$ inches and over across, are a unique, rich, glossy orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. $\frac{1}{4}$ oz., 40 cts. 10
- 2374 **Aurantiaca Hybrida.** Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. $\frac{1}{4}$ oz., 50 cts. 15

DOLICHOS (Hyacinth Bean)

A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet. (See cut on page 86.)

- 2377 "**Daylight.**" This grand Hyacinth Bean comes from Japan. In our trial ground seed sown late in May had by the middle of July attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green and not affected by insect pests. Per oz., 30 cts. 10
- 2376 "**Darkness.**" Identical in every way to the above, except in color, which is rich purple-violet. Per oz., 30 cts. 10
- 2380 **Lablab, Mixed.** Purple and white. Per oz., 20 cts. 5



DIMORPHOTHECA



DOLICHOS (Hyalanth Bean)
Offered on page 85

DRACÆNA (Dragon Plant)

PER PKT.

2386 **Indivisa.** Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. $\frac{1}{4}$ oz., 25 cts. . . . 10

ECHINOCYSTIS

(Wild Cucumber Vine)

2401 **Lobata.** One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers during July and August. (See cut.) Per oz., 30 cts. 5

ERYNGIUM (Sea Holly)

2421 **Amethystinum.** Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely-cut, spiny foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets. 15

ERYSIMUM (Fairy Wallflower)

2411 **Perofskianum.** We sent out for trial the past two seasons a number of packets of this annual, and have received so many favorable reports that we have concluded to add it to our list. The plants grow about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. Oz., 25 cts. . . . 5



ECHINOCYSTIS LOBATA

EUPATORIUM (Thorough Wort)

Strong-growing, hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation; will flower the first year if sown early.

2442 **Ageratoides.** A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October. 10

2441 **Fraseri.** A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets; $1\frac{1}{2}$ feet. 10

ESCHSCHOLTZIA (California Poppy, Gold Cups)

Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine-cut, glaucous foliage; in bloom from June to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination, either in the garden or when cut; 1 foot. (See cut.)

PER PKT.

2422 **Californica.** Bright yellow. Oz., 40 cts. 5

2423 — **Aurantiaca.** Rich orange. Oz., 40 cts. 5

2424 **Caniculata Rosea.** Beautifully fluted flowers of a bright rosy-pink. Oz., 50 cts. 10

2425 **Crimson King.** An extra fine selection of this rich crimson variety. Oz., 50 cts. 10

PER PKT.

2426 **Cross of Malta.** Pure yellow with orange blotch at base of petals, forming a Maltese Cross; light grey-green foliage. Oz., 40 cts. 5

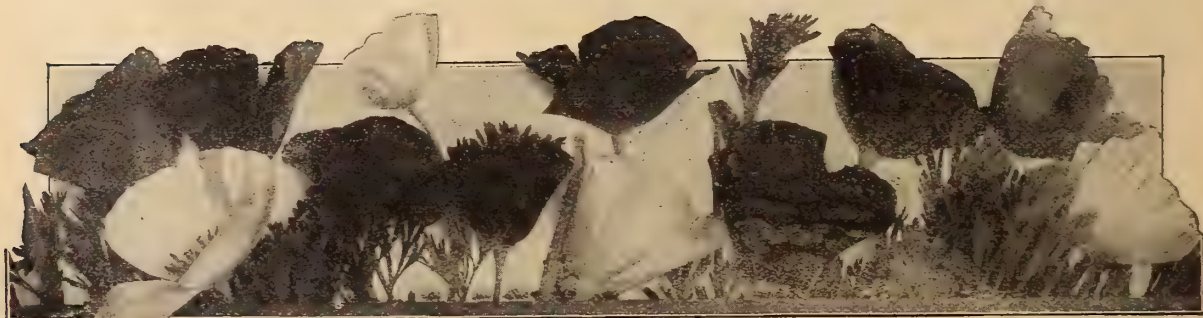
2432 **Golden West.** Very large flowers; buttery-yellow, with orange centre. Oz., 50 cts. 10

2433 **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet. Per oz., 40 cts. 5

2438 **Double Mixed.** All colors. Oz., 40 cts. 5

2440 **Single Mixed.** All colors. Oz., 30 cts. 5

2439 **Collection** of a packet each of the above 7 named sorts. 40 cts.



ESCHSCHOLTZIAS OR CALIFORNIA POPPIES



GROUP OF SINGLE AND DOUBLE ANNUAL GAILLARDIAS

EUPHORBIA

Strong growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

- 2452

Variegata (*Snow on the Mountain*). Attractive foliage, veined and margined with white; 2 feet. (See cut.)

PER PKT.

Per oz., 40 cts.

2451

Heterophylla (*Annual Poinsettia*, *Mexican Fire Plant*, *Painted Leaf*). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with smooth, glossy-green leaves which, about mid-summer, become a beautiful orange-scarlet, presenting a striking and brilliant appearance.

15
- ## GERANIUM (Pelargonium)
- 2530

Zonale, Mixed. A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open in May or June.

10
- ## GEUM (Avens)
- 2541

Astrosanguineum Fl. Pl. Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets.

1/4 oz., 40 cts.

10
- ## GLOBE AMARANTH (Gomphrena)
- Popularly known as "Bachelor's Buttons," a first-rate bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes.
- 2570

Mixed. 2 feet.

1/4 oz., 25 cts.

5
- ## GAILLARDIA (Blanket Flower)
- ### Annual Varieties
- Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet. (See cut.)
- 2496

Picta. Crimson and orange.

1/4 oz., 25 cts.

5

2500

Picta Mixed. Single sorts; fine colors.

1/4 oz., 25 cts.

5

2498

The Bride. This new double-flowering, creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems.

2 pkts. for 25 cts.

15

2497

Double-flowering Mixed. A charming, profuse, double-flowering strain; beautiful mixed colors.

1/4 oz., 30 cts.

5

Hardy Perennial Varieties

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

2503

Kermesina Splendens. Centre rich crimson, narrow canary-yellow border.

15

2502

Grandiflora Compacta. A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort.

1/4 oz., 50 cts.

15

2505

Grandiflora Copper-red. A striking new color in this popular perennial.

3 pkts., 50 cts.

20

2510

Grandiflora Superb Mixed. Our own saving; splendid combinations of crimson and gold in great variety.

1/4 oz., 30 cts.

10

EUPHORBIA VARIEGATA (Snow on the Mountain)

The Orchid-flowered Sweet Peas offered with other Specialties on pages 52 to 62 are up-to-date in every way



GODETIA

GLOXINIA

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March.

PER PKT.

2578 *Hybrida Grandiflora*.

An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts 50

GOLDEN ROD

(*Solidago Canadensis*)

- 2601 The well-known golden-yellow favorite; hardy perennial; 2 to 5 feet 10

GREVILLEA

(Silk Oak)

- 2681 *Robusta*. A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree..... 10

Do not fail to have some Snapdragons in your garden this year. See page 52.



GREVILLEA ROBUSTA

GODETIA

Attractive, hardy annuals, deserving more extensive cultivation. The plants bloom profusely, and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil; 1 foot. (See cut.)

PER PKT.

- 2585 *Brilliant*. Glowing carmine-rose; very bright and satiny. $\frac{1}{4}$ oz., 30 cts. 10
- 2586 *Duchess of Albany*. Pure white, of compact growth. $\frac{1}{4}$ oz., 30 cts. 10
- 2587 *Gloriosa*. Large, satiny, brilliant blood-red flowers; richest color of all. $\frac{1}{4}$ oz., 30 cts. 10
- 2588 *Rosamond*. A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. $\frac{1}{4}$ oz., 30 cts. 10
- 2590 *Mixed*. All colors. $\frac{1}{4}$ oz., 20 cts. 5

ORNAMENTAL GOURDS

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. Our illustration shows the 12 kinds offered below:

- 2606 *African Pipe*. The stem ends of the fruits are much used in making pipes. No. 8. Per oz., 30 cts. 5
- 2607 *Apple-shaped*. No. 1. Per oz., 30 cts. 5
- 2611 *Bottle-shaped*. No. 10. Per oz., 30 cts. 5
- 2612 *Dipper, or Calabash*. No. 7. Per oz., 30 cts. 5
- 2613 *Egg-shaped*. Fruit white like an egg. No. 4. Per oz., 30 cts. 5
- 2614 *Hercules' Club*. Club-shaped; 4 feet long. No. 12. Per oz., 30 cts. 5
- 2615 *Luffa* (*Dish-rag, Sponge or Bonnet Gourd*). No. 9. Per oz., 30 cts. 5
- 2616 *Orange-shaped* (*Mock Orange*). No. 3. Per oz., 30 cts. 5
- 2617 *Pear-shaped*. Striped; very showy. No. 2. Per oz., 30 cts. 5
- 2619 *Spoon*. A very odd variety. No. 5. 10
- 2621 *Knob Kerrie*. A very ornamental variety, bearing fruit having a slender stem 3 to 5 feet long, with a round knob or ball on the end. No. 6. Per oz., 30 cts. 5
- 2622 *Turk's Turban*. Red striped. No. 11. Per oz., 30 cts. 5
- 2629 *Collection of the above 12 varieties*, 50 cts.
- 2630 *Mixed Varieties*. All kinds. Per oz., 25 cts. 5



ORNAMENTAL GOURDS

ORNAMENTAL GRASSES

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

- | | PER PKT. |
|---|----------|
| 2638 <i>Agrostis Nebulosa</i> (<i>Cloud Grass</i>). An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers..... | 10 |
| 2641 <i>Briza Maxima</i> (<i>Quaking Grass</i>). In great demand for grass bouquets..... | 5 |
| 2644 <i>Coix Lachrymae</i> (<i>Job's Tears</i>). Broad, corn-like leaves and hard, shining pearly seeds; annual. Per oz., 20 cts..... | 5 |
| 2646 <i>Erlanthus Ravennae</i> (<i>Hardy Pampas</i>). Perennial; exquisite plumes resembling the Pampas..... | 10 |
| 2647 <i>Eulalia Zebrina</i> (<i>Zebra Grass</i>). Light green, barred with creamy white. Variegation runs across foliage..... | 10 |
| 2648 — <i>Variegata</i> . Long, narrow, green leaves, striped with white; fine feathery plumes; very ornamental..... | 10 |
| 2651 <i>Gynierium Argenteum</i> (<i>Pampas Grass</i>). White silvery plumes; perennial; blooms the second season. | 10 |
| 2654 <i>Pennisetum Longistylum</i> . Extremely graceful greenish-white plumes; excellent for beds; annual; 2 feet. $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2655 — <i>Rueppelianum</i> (<i>Purple Fountain Grass</i>). Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 feet. (See cut.) Per $\frac{1}{4}$ oz., 30 cts..... | 10 |
| 2656 — <i>Japonicum</i> . A new hardy variety, and one of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year. | 10 |
| 2658 <i>Stipa Pennata</i> (<i>Feather Grass</i>). Perennial, beautiful, delicate white, tea-berry bloom; flowering the second season; 2 feet. | 10 |
| 2661 <i>Uniola Latifolia</i> (<i>Spike Grass</i>). A pretty native perennial variety, with very ornamental graceful drooping panicles; 3 to 4 feet.. | 10 |
| 2669 <i>Collection of Grasses</i> . 12 varieties, noted above.. | 75 |



ORNAMENTAL GRASS PENNISETUM RUEPPELIANUM

GYPSOPHILA

(Baby's Breath)

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

PER PKT.

2691 *Elegans alba*

grandiflora. This is an improved large-flowering pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers.

Several sowings should be made during the season to keep up a supply. (See cut.) Per oz., 25 cts..

5

2690 *Elegans Delicate Pink*. A pretty blush pink form of the above and equally as valuable for cutting. Per oz., 30 cts.....

5

2692 *Muralis*. An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Per $\frac{1}{4}$ oz., 25 cts.....

5

2694 *Paniculata*. White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. $\frac{1}{4}$ oz., 25 cts.....

5

2695 *Paniculata Fl. Pl.* The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkts. for 50 cts.....

20

HELENIUM (Sneeze Wort)

Strong-growing hardy perennials, succeeding in any soil, and useful in the hardy border, giving an enormous crop of flowers in late summer.

2711 *Autumnale Superbum*. Golden-yellow flowers; 5 to 6 feet..| 2713 *Riverton Gem*. Flowers opening old gold, changing as they mature to wallflower red; 3 feet. 2 pkts., 25 cts..... | 15 |
| 2714 *Riverton Beauty*. Rich lemon-yellow, with a large purplish-black cone. 2 pkts., 25 cts..... | 15 |



HELENIUM



HELIANTHUS (Sunflower)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

SINGLE ANNUAL SUNFLOWERS

The single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

- 2696 **Cucumerifolius** (*Miniature Sunflower*). Small, single, rich yellow flowers. An abundant bloomer; 4 feet. $\frac{1}{4}$ oz., 20 cts. 5
- 2697 — **Orion**. Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. $\frac{1}{4}$ oz., 25 cts. 10
- 2698 — **Perkeo**. A charming dwarf variety of the Miniature Sunflower. The plants form compact bushes about 12 inches high by 14 inches through. There are many positions, such as the front of borders or beds of plants of medium height, where this can be used to good advantage, flowering, as it does, from the end of June until cut down by hard frost. $\frac{1}{4}$ oz., 25 cts. 10
- 2699 — **Stella** (*Improved Miniature Sunflower*). Differs from the type by its larger and better formed flowers of the purest golden yellow, with black disc. $\frac{1}{4}$ oz., 20 cts. 5
- 2700 — **New Miniature Mixed**. A multitude of new varieties have been raised from the popular Miniature Sunflower, which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10



HELICHRYSUM (Straw Flower)

Double Annual Sunflowers

- 2705 **Cucumerifolius Fl. Pl.** The double-flowering form of the popular Miniature Sunflower. The flowers, while double, are quite free and graceful; of a bright golden yellow. 10
- 2703 **Chrysanthemum-flowered**. Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. Per oz., 40 cts. 10
- 2706 **Nanus Fl. Pl.** (*Globe of Gold*). Dwarf, double yellow flowers; 4 feet. Per oz., 30 cts. 5
- 2704 **Globosus Fistulosus** (*Globe or Dahlia Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz., 30 cts. 5

Hardy Perennial Sunflowers

- 2710 **Mixed**. Contains the finest single-flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. 15

HELICHRYSUM (Straw Flower)

Monstrosus Fl. Pl. One of the best of "Ever-lasting." Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2½ feet. We offer the following choice colors.

- 2721 **Crimson**. Very rich. 10
- 2722 **Fireball**. Bright red. 10
- 2723 **Goldenball**. Golden yellow. 10
- 2724 **Rose Carmine**. Rich and glossy. 10
- 2725 **Silverball**. Glistening white. 10
- 2726 **Violet**. Very rich color. 10
- 2720 **Mixed**. All colors. $\frac{1}{4}$ oz., 25 cts. 5
- 2719 **Collection**. A packet each of the 6 colors. 50



NEW MINIATURE SUNFLOWERS



2731	Pitcheriana.	A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color, about 2 inches in diameter, of very thick texture and very graceful for cutting.	10
2732	Scabra Zinniaeflora.	A new double-flowering form, bearing golden-yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennial plants for cutting. 2 pkts., 25 cts.	15

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown out doors in May.

2737 **Lemoine's Giant.** Of robust growth and produces very large heads of flowers; mixed colors. $\frac{1}{8}$ oz., 50 cts. 10

2736 **Regal.** A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades..... 25

2740 **Mixed.** All colors of the regular type. $\frac{1}{8}$ oz., 40 cts. 10

2738 **Collection** of 6 sorts..... 50

2761 **Sanguinea.** One of the finest hardy perennials. The flowers are of a rich, bright coral-red color; the leaves light green and slightly hairy. Excellent for cutting. 25

2774 **Moscheutos.** Rosy-pink flowers. 10

2772 **Crimson Eye.** Flowers of the largest size, pure white, with a large spot of velvety-crimson in the centre. 10

2773 **Giant Yellow, or Golden Bowl.** Flowers from 6 to 9 inches in diameter; of a rich deep cream, with a velvety-maroon centre. 10

2775 **New Giant.** Described and illustrated with other specialties on pages 52 to 62. Per $\frac{1}{2}$ oz., 30 cts. 10

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

	PER ¼ OZ.	PER PKT.		PER ¼ OZ.	PER PKT.
2782 Maroon	40	10	2785 Salmon-rose	40	10
2783 Bright Rose	40	10	2786 White	40	10
2784 Bright Red	40	10	2787 Yellow	40	10
2790 Extra Choice Double Mixed	30 cts. per ¼ oz.; \$1.00 per oz..	10			
2788 Collection of a packet each of the above 6 colors.....		50			
2781 "Allegheny," Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. 30 cts. per ¼ oz.; \$1.00 per oz.....		10			
2791 Newport Pink . One of our own introductions and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink double variety. exquisite in shade; flowers very double. Per ¼ oz., 50 cts.....		15			

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We offer the following distinct colors, also mixed, viz.:

	PER PKT.		PER PKT.
2793 Black Maroon	15	2796 Red	15
2794 Mauve	15	2797 White	15
2795 Pink	15	2798 Yellow	15
2800 Mixed . All colors. $\frac{1}{4}$ oz., 30 cts.			10
2799 Collection of a packet each of the 6 colors.....			75





HUNNEMANNIA

HONESTY (Moonwort, Satin Flower)PER
PKT.

- 2801 Hardy biennials, admired for their silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 feet. $\frac{1}{2}$ oz., 25 cts. 5

HUMULUS (Japanese Hop)

- 2811 **Japonicus**. A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. $\frac{1}{4}$ oz., 25 cts. 5
- 2812 — **Variegatus**. A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its bright variegated foliage until frost. $\frac{1}{4}$ oz., 30 cts. 10

HUNNEMANNIA

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia)

- 2821 **Fumariæfolia**. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. $\frac{1}{4}$ oz., 25 cts. 10

IBERIS (Hardy Candytuft)

- 2824 **Gibraltarica Hybrida**. White shading to lilac. ... 10
- 2825 **Sempervirens**. A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot. 15

IRIS (Flowering Flag)

- 2890 **Kämpferi** (*Japanese Iris*). The seeds we offer have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. $\frac{1}{4}$ oz., 25 cts. ... 10

IMPATIENS (Sultan's or Zanzibar Balsam)

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

PER PKT.

- 2842 **Sultani**. Flowers of brilliant rosy-scarlet color. 25
- 2845 **Holstii Hybrids**. Forms strong bushy plants, about 2 feet high, covered with attractive flowers; when grown as pot plants, they bloom the year round. Choice mixed, all colors 25

IPOMCEA

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

- 2853 **Grandiflora** (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Per $\frac{1}{4}$ oz., 20 cts.; per oz., 60 cts. 10
- 2158 **Quamoclit Hybrida** (*The Cardinal Climber*). See Novelties and Specialties, pages 52 to 62. 2 pkts., 25 cts. ... 15
- 2854 **Rubra Cœrulea** (*Heavenly Blue*). Immense flowers of bright sky-blue; very beautiful. 2 pkts., 25 cts. 15
- 2855 **Setosa** (*Brazilian Morning Glory*). Flowers of pleasing rose color, borne very freely in large clusters. As a quick-growing vine it has no equal, covering an enormous space in a short time. Per oz., 30 cts. 10

Imperial Japanese, or Emperor Morning Glories

These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

- 2880 **Mixed Imperial Japanese**. Saved from a grand collection, which we feel sure will produce results more than equaling our description of this wonderful plant. Oz., 25 cts. 5



IMPERIAL JAPANESE IPOMOEAS

LINARIA

- 2991 **Cymbalaria** (*Kenilworth Ivy, or Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work 10

PER PKT.

LOBELIA

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials:

- 3012 **Crystal Palace Compacta**. Rich deep blue; dark foliage; the finest dark blue for bedding. Per $\frac{1}{2}$ oz., 50 cts. 10
 3013 **Blue Emperor**. A very compact variety; sky-blue flowers 10
 3014 **Heterophylla Major**. One of the best. The plant forms dense globular bushes about 6 inches high, completely smothered with large flowers, of a most brilliant sky-blue, with a clear white eye. 15
 3016 **White Gem**. Forms a perfect ball of snow-white flowers. 10
 3022 **Gracilis**. Light blue; light green foliage; trailing. 5
 3023 **Speciosa**. Ultramarine blue; dark-leaved; trailing. . . . 5
 3024 **Tenuior**. Of upright habit; about 15 inches high, with very large flowers of rich cobalt blue with white eye. Splendid for pots or bedding. 15
 3020 **Mixed Compacta Varieties**. All colors. Per $\frac{1}{2}$ oz., 30 cts. 5
 3031 **Cardinalis** (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet. 15
 3033 **Syphilitica** (*Great Lobelia*). Our native hardy Lobelia, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet 10

LYTHRUM (Loose-strife)

- 3071 **Roseum Superbum**. A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy flowers from July to September. 10



LUPINUS (Lupine)



LOBELIA CRYSTAL PALACE COMPACTA



MATRICARIA

LUPINUS (Lupine)

Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

PER PKT.

- 3044 **Rich Blue**. Per oz., 40 cts. 10

- 3045 **Sky Blue**. Per oz., 40 cts. 10

- 3046 **Rose**. Per oz., 40 cts. 10

- 3047 **White**. Per oz., 40 cts. 10

A packet each of the 4 colors, 30 cts.

- 3050 **Annual Mixed**. All colors. Per oz., 25 cts. . . 5

Polyphyllus Sorts. Effective hardy perennials, succeeding in any

good garden soil; blooms in May and June; 3 feet. We offer as under:

- 3052 **Rose**. 10

- 3053 **White**. 10

- 3054 **Blue**. 10

- 3055 **Moerheimi**. Rose and pink. 15

A packet each of the 4 colors, 35 cts.

- 3058 **Mixed**. All colors. Oz., 30 cts. 5

LYCHNIS (Rose Campion, Jerusalem Cross)

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

- 3061 **Chalcedonica**. Fine scarlet flowers; 2 feet. $\frac{1}{2}$ oz., 25 cts. 5

- 3062 **Haageana**. Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot 15

MARVEL OF PERU, OR FOUR O'CLOCKS

(Mirabilis Jalapa)

- 3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. Oz., 20 cts. 5

MATRICARIA

- 3121 **Capensis Alba Plena** (*Double White Feverfew*). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches. 10

MARIGOLD

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders, the latter are dwarfer in growth, with beautifully striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts, in combination with a few blue Larkspurs or Cornflowers, is very striking.

(See also *Calendula* and *Tagetes*)

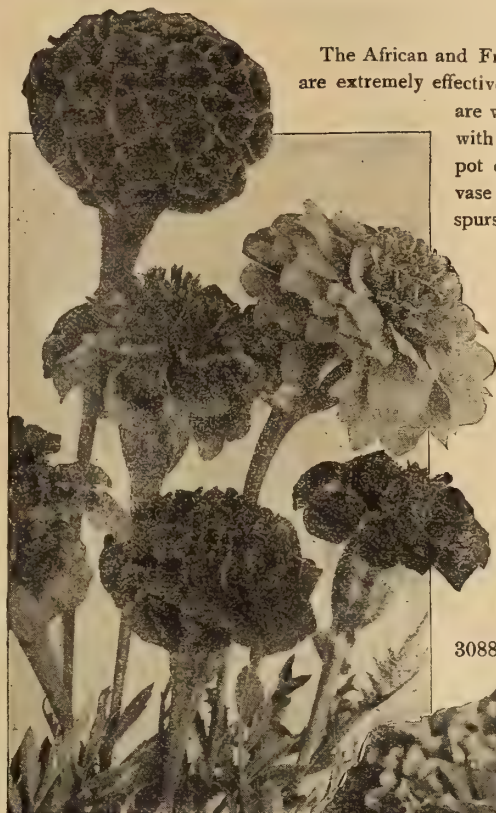
AFRICAN VARIETIES.

PER PKT.

- | | | | |
|------|--|--------------------------------|----|
| 3084 | Orange Prince. A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. | $\frac{1}{4}$ oz., 50 cts. | 15 |
| 3085 | Lemon Queen. Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. | $\frac{1}{4}$ oz., 50 cts. | 15 |
| 3083 | Pride of the Garden. Immense flowers, densely double. Color golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. | $\frac{1}{4}$ oz., 40 cts. | 10 |
| 3081 | El Dorado. Flowers very large, imbricated and extremely double. Colors in all shades of yellow. | Per $\frac{1}{4}$ oz., 25 cts. | 5 |
| 3090 | Large African. Double, orange and lemon, mixed; 2 to 3 feet. | Per $\frac{1}{4}$ oz., 20 cts. | 5 |
| 3088 | Collection of double African, 6 varieties | | 30 |

FRENCH VARIETIES

- | | | | |
|------|--|--------------------------------|----|
| 3091 | Gold Striped. Very double, deep, brownish-red, striped golden-yellow; 1 foot. | $\frac{1}{4}$ oz., 30 cts. | 10 |
| 3100 | Dwarf French. Fine colors mixed, very double; 1 foot. | Per $\frac{1}{4}$ oz., 20 cts. | 5 |
| 3092 | Legion of Honor ("Little Brownie"). A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. | $\frac{1}{4}$ oz., 20 cts. | 5 |
| 3098 | Collection of Double French Marigolds; 6 varieties | | 30 |



FRENCH MARIGOLDS

MATTHIOLA

PER PKT

- | | | | |
|------|--|----------------------------|---|
| 3125 | Bicornis (<i>Evening-scented Stock</i>). This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish-lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. | $\frac{1}{4}$ oz., 20 cts. | 5 |
|------|--|----------------------------|---|



AFRICAN MARIGOLD

MAURANDIA

- | | | | |
|------|---|--|----|
| 3130 | Barclayana. Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 ft.; mixed colors, including purple, blue, white and rose. | | 10 |
|------|---|--|----|

MESEMBRYANTHEMUM

- | | | | |
|------|---|--|---|
| 2831 | Crystallinum (<i>Ice Plant</i>). Dwarf-trailing annual plants. Flowers white, prized for its singular icy foliage. | | 5 |
|------|---|--|---|

MIMOSA (Sensitive or Humble Plant)

- | | | | |
|------|--|--|---|
| 3181 | Pudica. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1 $\frac{1}{2}$ feet. | | 5 |
|------|--|--|---|



FRENCH MARIGOLD LEGION OF HONOR



DEFIANCE MIGNONETTE

MIGNONETTE (*Reseda*)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

- 3152 **Defiance.** When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10
- 3153 **Golden Machet.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. $\frac{1}{4}$ oz., 25 cts. 10
- 3154 **Goliath.** Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture; $\frac{1}{4}$ oz., 50 cts. 15
- 3155 **Miles' Hybrid Spiral.** Of strong, branching habit, with spikes from 8 to 10 inches long; very fragrant. Per oz., 25 cts. 5
- 3156 **Improved Red Victoria.** Fine spikes of bright red. A most useful and desirable variety. $\frac{1}{4}$ oz., 25 cts. 10
- 3157 **Large-flowering Pyramidal.** Flowers large, of a reddish tint. A good variety for the open ground. $\frac{1}{4}$ oz., 20 cts. 5
- 3158 **Machet.** Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant; one of the best. $\frac{1}{4}$ oz., 30 cts. 10
- 3161 **Parson's White.** Large spikes, pure white, very fragrant. $\frac{1}{4}$ oz., 20 cts. 5
- 3162 **Salmon Queen.** Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. $\frac{1}{4}$ oz., 25 cts. 10
- 3163 **Sweet-scented** (*Reseda Odoratu*). The old variety with small spikes, but very sweetly scented. Per oz., 20 cts. 5
- 3169 **Collection** of above 10 varieties of Mignonette. 60

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.

PER PKT.

- 3191 **Moschatus** (*Musk Plant*). Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage. 15
- 3192 **Tigrinus** (*Monkey Flower*). Fine mixed spotted varieties. 10

MINA

- 3202 **Sanguinea.** A beautiful and rapid-growing climber, producing innumerable brilliant blood-red flowers. $\frac{1}{4}$ oz., 15 cts. 5

MOMORDICA

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, rockwork, stumps, etc.; annuals; 10 feet.

- 3211 **Balsamina** (*Balsam Apple*). Round, apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two. 5
- 3212 **Charantia** (*Balsam Pear*). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally. 5

MYOSOTIS (*Forget-Me-Not*).

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The *Alpestris* varieties and *Dissitiflora* come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The *Palustris* sorts do not bloom till May, but continue till fall.

- 3231 **Alpestris Royal Blue.** Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. $\frac{1}{4}$ oz., 40 cts. 10
- 3233 — **Robusta Grandiflora.** Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. $\frac{1}{4}$ oz., 40 cts. 10
- 3235 — **Victoria.** A favorite sort, with fine heads of large, clear, azure-blue flowers; plants bushy and compact; makes a fine edging or bed. $\frac{1}{4}$ oz., 50 cts. 10
- 3239 — **Mixed.** A mixture of blue, rose and white-flowered varieties. Per $\frac{1}{4}$ oz., 25 cts. 5
- 3236 **Dissitiflora.** Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs. 15
- 3238 **Palustris Semperflorens.** An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. 15

MYOSOTIS (*Forget-Me-Not*)

DREER'S SUPERB NASTURTIIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct:

TOM THUMB, DWARF OR BEDDING VARIETIES

- | | |
|---|--|
| <p>3336 Chameleon. Various colors on one plant.</p> <p>3338 Crystal Palace Gem. Yellow, maroon blotches.</p> <p>3341 Empress of India. Fiery crimson, dark foliage.</p> <p>3343 Golden King. Rich golden yellow.</p> <p>3346 King Theodore. Deep crimson maroon, dark foliage.</p> <p>3347 King of Tom Thumbs. Dark-scarlet, dark leaves.</p> | <p>3353 Pearl. Creamy white.</p> <p>3354 Prince Henry. Cream, spotted and tipped red.</p> <p>3355 Regelianum. Deep, purplish-crimson.</p> <p>3361 Rose. Soft carmine rose.</p> <p>3365 Spotted. Golden yellow, spotted garnet.</p> <p>3367 Vesuvius. Salmony rose, dark foliage.</p> |
|---|--|

- Price.** Any of the above Dwarf sorts, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.
- 3379 **Dreer's Collection** of a liberal packet each of the 12 above dwarf varieties. 50 cts.
- 3369 **Dreer's Collection** of 1 oz. each of the 12 above dwarf varieties. \$1.50.
- 3370 **Finest Mixed.** Tom Thumb varieties. Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

TALL OR CLIMBING VARIETIES

(*Tropaeolum Majus*)

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

- 3281 **Chameleon.** Different richly colored flowers on the same plant.
- 3287 **King Theodore.** Deep crimson maroon; dark foliage.
- 3294 **Orange.** Pure orange; no markings.
- 3296 **Pearl.** Creamy white.
- 3297 **Prince Henry.** Cream, spotted and tipped scarlet.
- 3298 **Purple.** Rich shade of purplish-crimson.
- 3301 **Rose.** A lovely shade of ruby rose.
- 3303 **Scarlet.** Glowing vermilion.
- 3302 **Schulzi.** Rich deep scarlet.
- 3304 **Scheuermannii.** Yellow, spotted and marbled brownish-red.
- 3307 **Vesuvius.** Salmony rose; an exquisite shade.
- 3306 **Spotted.** Rich yellow, spotted garnet.

- Price.** Any of the above Tall sorts, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.
- 3329 **Dreer's Collection** of a packet each of 12 above climbing sorts, 50 cts.
- 3319 **Dreer's Collection** of 1 ounce each of 12 above climbing sorts, \$1.50.
- 3320 **Finest Mixed.** Tall or climbing varieties. Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

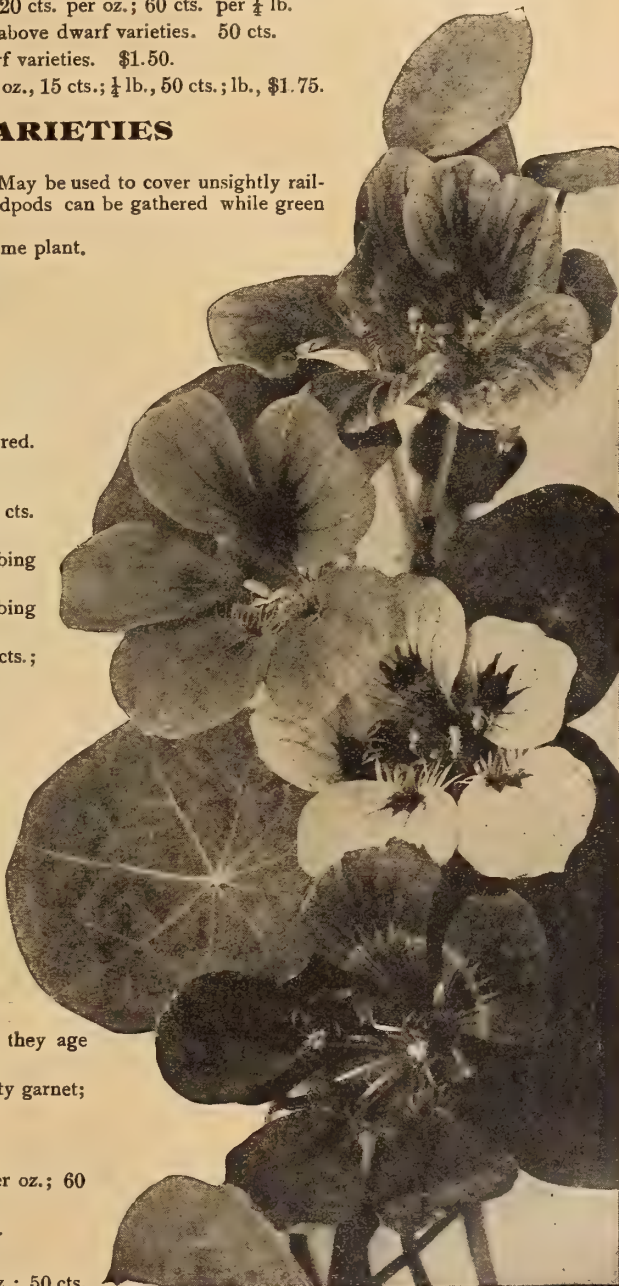
Lobb's Climbing Nasturtiums

(*Tropaeolum Lobbianum*)

There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height and are very desirable.

- 3241 **Asa Gray.** Pale primrose yellow, almost white.
- 3243 **Black Prince.** Velvety purplish-crimson, dark foliage.
- 3244 **Brilliant.** Geranium scarlet. Fine.
- 3246 **Cardinal.** Intense deep scarlet, dark foliage.
- 3247 **Crown Prince.** Deep ruby-garnet.
- 3251 **Giant of Battles.** Sulphur-yellow, blotched red.
- 3252 **Golden Queen.** Pure golden-orange.
- 3253 **Princess Victoria.** Creamy white, with fine, conspicuous ruby-rose blotches.
- 3254 **Regina.** Brilliant salmon-red on opening, changing as they age to almost a cream color.
- 3255 **Roi des Noirs** (*King of the Blacks*). Deep velvety garnet; very rich, dark foliage.
- 3256 **Rose Queen.** Fine carmine rose.
- 3257 **Spitfire.** Brilliant orange-vermilion.

- Price.** Any of the above, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.
- 3259 **Collection** of a packet each of above 12 varieties, 50 cts.
- 3258 **Collection** of 1 oz. each of above 12 varieties, \$1.50
- 3260 **Finest Mixed.** Lobb's. 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.; \$1.50 per lb.



DREER'S SUPERB NASTURTIIUMS

Our mixtures of Nasturtiums are made up out of the best named sorts, insuring a large number of colors

NEMESIA

PER PKT.

- 3401 **Dwarf Large-flowering Hybrids.** A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Seed sown in the autumn makes beautiful pot plants for early spring blooming; mixed colors. 2 pkts., 25 cts. 15

NICOTIANA

- 3411 **Affinis** (*Tuberose-flowered Tobacco*). Delightfully sweet-scented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. $\frac{1}{4}$ oz., 25 cts. 5
- 3414 **Sanderæ Hybrids.** A splendid type in a great variety of colors 10
- 3413 **Sylvestris.** Plants of pyramidal growth; 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens. 10

NIGELIA (Love in a Mist, or Devil in the Bush.)

- 3430 **Damascena.** A compact free-flowering plant, with finely cut foliage, curious looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. Oz., 25 cts. 5
- 3431 **Miss Jekyll.** A lovely variety with cornflower-blue blossoms, splendid for cutting. (See cut). $\frac{1}{4}$ oz., 25 cts. 10



NICOTIANA AFFINIS

OENOTHERA

(Evening Primrose)

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or on the rockery, blooming the entire summer; hardy perennials.

PER PKT.

- 3435 **Missouriensis.** Large, golden-yellow flowers. 1 foot. 10
- 3438 **Youngi.** Forms a dense bush $1\frac{1}{2}$ ft. high, with bright yellow flowers. ... 10

WATER LILY SEEDS

We annually save a limited quantity of these at our own nurseries, and offer;

PER PKT.

- 4531 **Nymphaea Zanzibariensis.** Purple. 15
- 4532 — **Azurea.** Blue. 15
- 4533 — **Rosea.** Rose. 15
- 4534 — **Tender Varieties Mixed.** 15
- 4535 — **Hardy Varieties Mixed.** 15
- 4536 **Nelumbium Speciosum.** Pink. 15
- 4538 — **Luteum.** Yellow. 10
- 4537 — **Mixed Sorts.** 15

PENTSTEMON (Beard Tongue)

Highly useful and attractive perennials, and much used in the hardy border.

- 3532 **Gloxinioides "Sensation."** As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like Petunias, Verbenas, Salvia, etc. (See cut.) 2 pkts. 25 cts. 15
- 3533 **Barbatus Torreyi.** Spikes of brilliant coral red; very effective; June to August; 3 to 4 feet. 10
- 3540 **Mixed.** A great variety of kinds and colors 10



PENTSTEMON "SENSATION"



TYPICAL FLOWER OF DREER'S ROYAL EXHIBITION PANSY

straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seed sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

PANSIES IN MIXTURE

- | | PER PKT. |
|---|----------|
| 3510 Dreer's Royal Exhibition. This strain comprises a beautiful collection of colors and markings, and is our finest mixture, both as regards size, texture and colorings. Special packets of 2000 seeds, \$1.50; regular packet..... | 50 |
| 3514 Dreer's Premium. This mixture comprises a large number of colorings and is intended to supply the want of a first-class mixture at a moderate price. $\frac{1}{2}$ oz., \$1.00..... | 25 |
| 3516 Masterpiece (Fringed Pansy). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. $\frac{1}{2}$ oz., \$1.00..... | 25 |
| 3500 Giant Trimardeau. All colors. 75 cts. per $\frac{1}{2}$ oz. 10 | |

- | | PER PKT. |
|---|----------|
| 3512 Cassler's Giant. A grand mixture of the finest blotched varieties; splendid in every way, being large in size and rich in coloring. $\frac{1}{2}$ oz., \$1.00..... | 25 |
| 3517 Mme. Perret. A new and beautiful strain; originated with a French specialist; flowers of large size borne very freely in great diversity of colors, especially rich in red and wine shades. The stock we offer comes direct from the introducer. $\frac{1}{2}$ oz., 75 cts..... | 25 |
| 3513 Giant Parisian. Of very large size and containing a great many fancy colors. $\frac{1}{2}$ oz., \$1.00..... | 15 |
| 3515 English Finest Mixed. $\frac{1}{2}$ oz., 75 cts..... | 10 |
| 3520 Good Mixed. All colors. $\frac{1}{2}$ oz., 50 cts..... | 5 |

GIANT TRIMARDEAU PANSIES

We have discarded the ordinary Pansies in separate colors in favor of this type which produce very large flowers, plants of strong, robust growth and well adapted to the trying conditions of our climate.

- | | PER PKT. |
|--|----------|
| 3488 Giant Golden Queen. Pure, rich yellow..... | 15 |
| 3493 Giant Royal Purple. Rich Royal blue..... | 15 |
| 3491 Giant Lord Beaconsfield. Deep purple violet, shading to white..... | 15 |

3499 **Collection,** containing a packet each of above 6 sorts, 75 cts.

TUFTED PANSIES, OR VIOLAS

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where *effect* is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom.

- | | PER PKT. |
|--|----------|
| 4401 Papilio (Butterfly Violet). Lovely violet-lilac, with small, dark eye..... | 10 |
| 4402 Lutea Splendens. Rich golden yellow..... | 10 |
| 4403 Blue Perfection. Deep purplish blue..... | 10 |

- | | PER PKT. |
|---|----------|
| 4405 White Perfection. A fine pure white..... | 10 |
| 4410 Mixed. A splendid mixture of the best varieties. $\frac{1}{2}$ oz., 75 cts..... | 10 |



PETUNIAS

For outdoor decoration, porch or window boxes few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. It is best to sow them indoors and transplant to the open in May. The Single Bedding kinds can be sown out of doors in May. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization.

SINGLE BEDDING PETUNIAS

PER PKT.

- 3561 **Dwarf Inimitable.** "Star Petunia," compact growing variety; flowers cherry-red with a white centre. $\frac{1}{8}$ oz., 50 cts. 10
- 3562 **Snowball.** A fine compact sort, producing its pure satiny-white flowers throughout the entire season. $\frac{1}{8}$ oz., 50 cts. 10
- 3563 **Pure White.** Desirable for cemetery beds or where large masses of white are wanted, grows 12 to 15 inches high. Where a more compact sort is wanted we recommend "Snowball." $\frac{1}{8}$ oz., 30 cts. 10
- 3564 **Howard's Star.** A beautiful free-flowering strain, color crimson-maroon with a clearly defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. $\frac{1}{8}$ oz., 50 cts. 15
- 3565 **Brilliant.** Beautiful and effective compact variety; flowers brilliant carmine-pink. $\frac{1}{8}$ oz., 75 cts. 15
- 3566 **Rosy Morn.** Soft carmine-pink with white throat; makes a very dainty and at the same time effective border. $\frac{1}{8}$ oz., 75 cts. 15
- 3567 **Striped and Blotched.** A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing. $\frac{1}{4}$ oz., 50 cts. 10
- 3570 **Fine Mixed.** Good bright colors. $\frac{1}{4}$ oz., 30 cts. 5



DREER'S SUPERB SINGLE-FRINGED PETUNIAS

Large-flowering Double Petunias

NOTE.—It is well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers, of best colorings.

PER PKT.

- 3590 **Dreer's Superb Double-fringed.** Saved from our own unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints. (See cut.) Per 500 seeds, \$1.25.... 50
- 3587 **Double Large-flowering.** Beautiful varieties in mixture. This is grown for us by a European specialist. Per 500 seeds, \$1.00.... 25



DREER'S SUPERB DOUBLE-FRINGED PETUNIA

Large-flowering Single Petunias

- 3580 **Dreer's Superb Large-flowering Fringed.** Our own saving from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed. (See cut.)..... 25
- 3576 **Giant of California.** Flowers very large, in great variety of colors and markings, with deep yellow throats. 25
- 3577 **Ruffled Giant.** Flowers of extraordinary size and substance, and distinguished from the large-flowering fringed section by the deep fluting, giving it the appearance as if artificially ruffled. 25
- 3578 **Fringed Ruffled Giant.** This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower 35



BEDDING PETUNIA ROSY MORN.

PHLOX DRUMMONDI

The annual Phlox is a native of Texas, and is known as "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc.; but it is when grown in masses, in beds or borders, that they show to best advantage.

3600 Phlox Drummondii, Mixed Colors.

Flowers not so large as the grandiflora type offered below, but just as free-flowering and effective. ¼ oz., 25 cts.; oz., 75 cts. 5

Select Large-Flowering Varieties

- (Phlox Drummondii Grandiflora)
- This is the finest type, having the largest heads of blooms, as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.
- 3601 Snow White 10
 - 3602 Shell Pink 10
 - 3603 Deep Rose 10
 - 3604 Bright Scarlet 10
 - 3605 Rich Crimson 10
 - 3606 Primrose 10
 - 3607 Soft Lilac 10
 - 3619 Collection of a packet of each of the above 7 colors 50
 - 3620 Choicest Mixed, Large-flowering. Contains all of the colors noted above, as well as a great many others and makes a very showy bed or border. ¼ oz., 30 cts.; oz., \$1.00 10



DREER'S SELECT LARGE-FLOWERING PHLOX DRUMMONDI

Large-Flowering Dwarf Phlox

A type combining the size of the individual flower and head of the finest Grandifloras, but of dwarf, compact growth, a perfect combination; and while they do not come in the large variety of colors found in the taller-growing type, the colors offered will be found very effective for beds, borders, etc.; 8 inches.

- 3621 Brilliant Rose. 15
- 3622 Fiery Scarlet 15
- 3623 Pure White 15
- 3630 Finest Mixed Colors. ¼ oz., 50 cts 10

STAR PHLOX (P. Cuspidata)

- 3640 Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. ¼ oz., 50 cts. 10

HARDY PERENNIAL PHLOX (P. Decussata)

- 3641 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered above, which are annuals. For best results should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn. The seed we send out has been saved from our own unrivalled collection, and is supplied in mixture only. Per ¼ oz., 50 cts 10

PHYSOSTEGIA (False Dragon Head)

- 3651 Virginica. One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. . . 10
- 3652 — Alba. A pretty white-flowered form of the above. 10



PHYSOSTEGIA



POPPIES

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly, and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite a while.

SINGLE ANNUAL POPPIES

PER PKT.

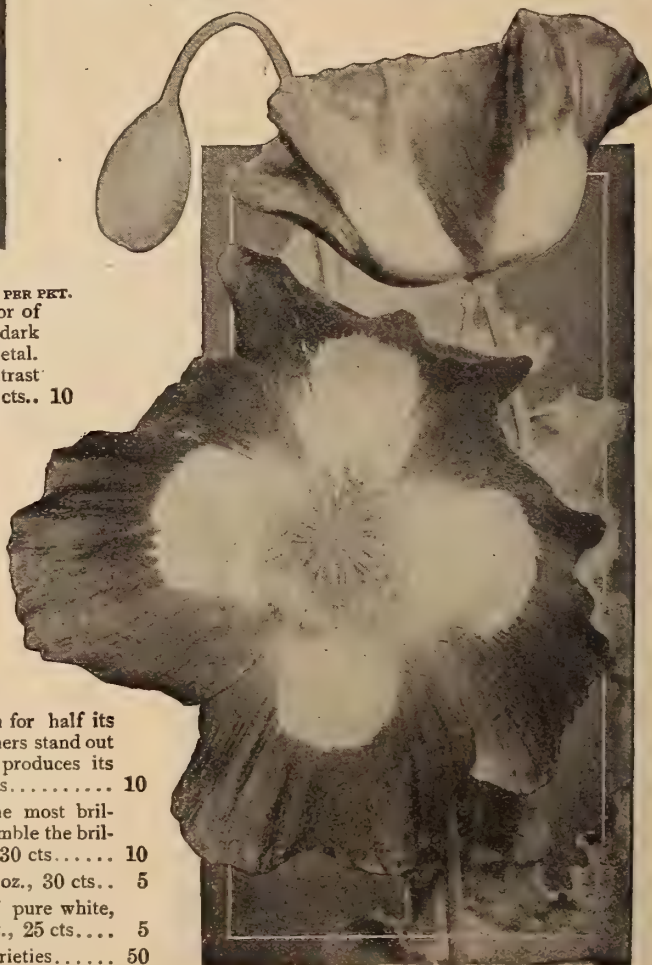
3696 Dreer's Select Shirley. This is an extra fine strain of these charming Poppies. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and striped. In fact, so varied are they that scarcely any two flowers are exactly alike. Oz., 50 cts. 10

3685 Admiral. A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a striking contrast, and when planted in groups produce a magnificent effect. $\frac{1}{4}$ oz., 20 cts.... 5



DREER'S SELECT SHIRLEY POPPIES

- 3686 Charles Darwin.** Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower. $\frac{1}{4}$ oz., 25 cts.. 10
- 3687 Dainty Lady.** Immense flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal. $\frac{1}{4}$ oz., 25 cts..... 10
- 3688 Danebrog, or Danish Cross.** Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross, which is nicely shown in the illustration on this page. Per oz., 25 cts.. 5
- 3691 English Scarlet.** The scarlet field Poppy. $\frac{1}{4}$ oz., 25 cts..... 10
- 3693 King Edward.** A new variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 2 $\frac{1}{2}$ feet high, and produces its very large flowers with great freedom. $\frac{1}{4}$ oz., 25 cts..... 10
- 3692 Tulip Poppy (*Papaver Glaucum*).** One of the most brilliant; the flowers are 3 inches across and closely resemble the brilliant Scarlet Gesneriana Tulip; 2 feet. Per $\frac{1}{4}$ oz., 30 cts..... 10
- 3697 The Bride.** A beautiful large, pure white. Per oz., 30 cts.. 5
- 3698 Virginia.** Large, beautifully fringed flowers of pure white, edged with soft pink; exquisite when cut. Per $\frac{1}{4}$ oz., 25 cts.... 5
- 3699 Collection** of a packet each of above 10 single varieties..... 50
- 3700 Single Mixed.** Annual sorts. Oz., 25 cts..... 5



DANEBROG, OR DANISH CROSS POPPY

DOUBLE ANNUAL POPPIES

The same culture as given at the top of the preceding page should be followed in the case of the double-flowering annual sorts. They make a gorgeous showing during their flowering period, and are largely used for beds and borders.

- PER PKT.

3711 **American Flag.** Beautiful variety; flowers very large and double, snow white, bordered with scarlet. Per oz., 30 cts.....

5

3712 **Fairy Blush.** Very double flowers of pure white, elegantly fringed and tipped with rose. Per oz., 30 cts.....

5

3713 **Golden Gate.** Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors. Per oz., 30 cts.....

5

3714 **"Mikado" (The Striped Japanese Poppy).** This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz., 30 cts.....

5

3715 **White Swan.** Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink. Per oz., 30 cts.....

5

3716 **Cardinal.** A splendid dwarf variety of the carnation-flowered type, growing about two feet high and bearing large globular, fringed flowers of an intense cardinal-red. Per oz., 30 cts.....

5

3717 **Shell-pink.** Similar in every way to Cardinal and White Swan, except color, which is a soft sea-shell or chamois-pink. Very dainty. Per oz., 30 cts.....

5



DOUBLE PÆONY-FLOWERED POPPIES

- PER PKT.

3720 **Carnation Flowered.** Splendid double-fringed flowers; mixed colors. (See cut.) Per oz., 25 cts.....

5
- 3730 **Pæony Flowered.** Large, showy, double globular flowers, resembling a double Pæony; mixed colors. (See cut.) Per oz., 25 cts.

5
- 3719 **Collection of 8 varieties.** Double Carnation flowered.....

30
- 3729 **Collection of 8 varieties.** Double Pæony flowered.....

30

ICELAND POPPIES

(Papaver Nudicaule)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

- 3733 **Bright Yellow**.....

10
- 3734 **Pure White**.....

10
- 3736 **Orange Scarlet**.....

10
- 3740 **Finest Mixed.** All colors. $\frac{1}{4}$ oz., 25 cts. . .

10
- 3738 **New Hybrid Iceland.** The latest development in this lovely species, varying in color from sulphur-yellow through different shades of orange to chamois and salmony-rose, some of which are very striking.....

15



DOUBLE CARNATION-FLOWERED POPPIES



Hardy Perennial Oriental Poppies

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT.

3747 **Orientele** (*The Large Oriental Poppy*).

A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal, exceedingly showy. ¼ oz., 30 cts. 10

3743 **New White Oriental**. This is the most distinct "break" that has yet been made in Oriental Poppies, it being a pure satiny white with a bold crimson blotch at the base of each petal. Like most hybrids the seedlings are liable to vary somewhat in color, but a good percentage can confidently be expected to come true. 25

3750 **Oriental Mixed Hybrids**. Saved from a large number of named sorts. ¼ oz., 50 cts. 15



ORIENTAL POPPY

POLYANTHUS

(Primula Elatior)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

3677 **Invincible Giant**. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 5 pkts., \$1.00. 25

3680 **English Mixed**. A fine grade; all colors, ¼ oz., 30 cts. 10



ICELAND POPPIES (offered on page 103)

ICELAND POPPIES

This charming class of hardy Poppies is offered on preceding page.

PLATYCODON

(Balloon Flower, or Japanese Bellflower)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. (See cut.)

PER PKT.

3663 **Grandiflorum**. Large steel blue flowers. ¼ oz., 40 cts. 10

3664 — **Album**. Pure white variety. ¼ oz., 40 cts. 10

3662 **Mariesi**. Large open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ¼ oz., 50 cts. 10

3661 **Japanicus Fl. Pl.** (*Double Japanese Bellflower*.) Large, glossy deep-blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkts., 25 cts. 15

PUERARIA THUNBERGIANA

(Japanese Kudzu Vine)

3835 To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy-purple; pea-shaped blossoms toward the close of August. A splendid subject for covering permanently verandas, dead trees, etc. ¼ oz., 25 cts. 10



PLATYCODON GRANDIFLORUM

HARDY PRIMROSES

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

PER PKT.

- 1500 **Auricula.** A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; 6 inches 25
- 3825 **Japonica** (*Japanese Primrose*). Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors, 15
- 3830 **Vulgaris** (*English Primrose*). Canary-yellow, fragrant... 15
See also *Cowslip* and *Polyanthus*

PYRETHRUM

P. aureum is the well-known Golden Feather so much used for edging, carpet-bedding, etc., while the others are most attractive hardy plants.

- 3841 **Aureum** (*Golden Feather*). Yellow foliage. Per $\frac{1}{4}$ oz., 25 cts..... 5
- 3846 **Hybridum.** Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers. These are nicely shown in the illustration on this page. Per $\frac{1}{4}$ oz., 75 cts.....10
- 3847 **Hybridum Grandiflorum.** A large flowering form of the above; mixed colors.....15
- 3845 **Hybridum Fl. Pl.** Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors; $1\frac{1}{2}$ feet.....25



PYRETHRUM HYBRIDUM

RHODANTHE

(Swan River Everlasting)

PER PKT.

- 3860 A charming annual; succeeds in a light rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot..... 10

RICINUS

(Castor Oil Bean)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or centre plants for beds.

RUDBECKIA BICOLOR SUPERBA
(Offered on page 107)

- 3862 **Cambodgiensis.** The main stems and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained; 5 feet. Per oz., 25 cts. 5
- 3864 **Laciniatus.** A variety of recent introduction with deeply cut shining green foliage; entirely distinct; 6 feet. Per oz., 25 cts..... 5
- 3866 **Panormitanus.** Immense dark brown leaves, producing a fine tropical effect. Per oz., 25 cts..... 5
- 3865 **Sanguineus.** Blood red stalks and clusters of red fruit; 8 feet. Per oz., 25 cts..... 5
- 3870 **Zanzibariensis.** A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. Per oz., 25 cts..... 5
- 3880 **Mixed.** All sorts. Per oz., 20 cts..... 5



RICINUS ZANZIBARIENSIS (Castor Oil Bean)



SALVIA SPLENDENS (Scarlet Sage)

SALVIA SPLENDENS (Scarlet Sage)

The Scarlet Sage has long been a favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July to frost; seed should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. May also be sown in the open ground in May.

PER PKT.

- 3935 **Splendens (Scarlet Sage).** Beautiful bright scarlet; 3 feet, $\frac{1}{2}$ oz., 50 cts. 5
- 3932 **"Bonfire."** This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Per $\frac{1}{2}$ oz., 50 cts. 10
- 3934 **Ball of Fire.** A compact type and popular for beds and borders requiring a variety of dwarf habit than the regular Scarlet Sage or the variety "Bonfire." Per $\frac{1}{2}$ oz., 60 cts. 15
- 3937 **Zurich.** A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering ten days in advance of any other sort. $\frac{1}{2}$ oz., 75 cts. 20
- 3936 **America, or Globe of Fire.** This is the freest and most continuous blooming of all the Scarlet Sages, also the most uniform in habit of growth. For full description, see Specialties, pages 52 to 62. 5 pkts., \$1.00. 25
- 3931 **Patens (Blue Sage).** In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet. 25

HARDY SALVIAS

- 3928 **Azurea Grandiflora.** A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 2 to 3 feet. 10
- 3929 **Farinacea.** A perennial variety, but best grown as an annual. Seed sown in the open ground in May, blooming from July to frost. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 feet. 10
- 3930 **Uliginosa.** In general habit similar to Salvia Azurea Grandiflora. The flowers are a pretty cornflower blue with a white throat, produced in branched spikes about six inches long. Flowering the first season if sown early. 25

RUDBECKIA (Cone Flower)

- 3901 **Bicolor Superba.** Fine free flowering annual variety, growing about 2 feet high, forming a dense bush and producing in great abundance on long stems its bright flowers. The disk is brown, the florets golden-yellow, with large velvety-brown spots at the base; very effective and useful for cutting. (See cut on page 106) 10
- 3902 **Newmani.** One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals, surrounding a large black cone; a showy flower 15
- 3903 **Purpurea (Giant Purple Cone-Flower).** A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across, with a remarkably large cone-shaped centre of brown, thickly set with golden tips in spiral lines. $\frac{1}{2}$ oz., 40 cts. 10

SANVITALIA

- 3938 **Procumbens Fl. Pl.** An annual of dwarf, compact growth; useful in masses in beds, or edges of borders, or in vases, baskets, etc. Showy bright yellow, double flowers; in bloom all summer. (See cut.) 10



SANVITALIA PROCUMBENS



IMPROVED LARGE-FLOWERING SCABIOSA

SCABIOSA

(Mourning Bride, Sweet Scabious, Pin-cushion Flower, etc.)

The Annual Scabiosas are firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without both the annual and perennial Scabiosas, especially where flowers are wanted for cutting. We offer 6 colors, as under:

IMPROVED LARGE-FLOWERING

(Annual Scabiosas)

PER PKT.

3943	Azure Fairy.	Clear lavender-blue.....	10
3944	Crimson.	Rich rosy crimson.....	10
3951	Flesh Pink.	Delicate tone of pink.....	10
3952	King of the Blacks.	Velvety black purple.....	10
3956	Rose.	Soft rose color.....	10
3958	White.	Pure white.....	10
3959	Collection of a packet each of the six colors..		40
3960	Mixed.	All colors of the Improved Large-flowering. Per ¼ oz., 25 cts.; per oz., 60 cts.	5

HARDY PERENNIAL SCABIOSAS

- 3941 **Caucasica** (*Blue Bonnet*). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue; 3 feet. ¼ oz., 40 cts..... 15
- 3942 **Japonica.** A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower. ¼ oz., 25 cts..... 10

SALPIGLOSSIS

(Painted Tongue)

The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost. The seed we offer is a

select large-flowering strain. (See cut.)

	PER PKT.		PER PKT.
3912 Crimson	10	3915 Rose and Gold	10
3913 Primrose	10	3916 Scarlet and Gold	10
3914 Purple and Gold	10	3917 White and Gold	10
3919 Collection of a packet each of the above 6 sorts.....			50
3920 Finest Mixed . All colors. $\frac{1}{4}$ oz., 40 cts.....			10
3921 Emperor . This variety forms only one leading stem, and bears on its summit a veritable bouquet of the most beautiful flowers, each one richly veined with gold. $\frac{1}{4}$ oz., 50 cts.....			10

SAPONARIA (Bouncing Bet)

- 3939 **Caucasica flore pleno** (*Double-flowering Bouncing Bet.*) A hardy perennial sort with white tinted rose, double flowers, produced all summer and fall; 15 inches..... 10
- 3940 **Vaccaria.** A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30 cts..... 5

SCARLET RUNNER BEANS

- 3595 **Scarlet Runners.** A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the sprays of bright scarlet pea-shaped blossoms. Per lb., 50 cts..... 5



SALPIGLOSSIS IMPROVED LARGE-FLOWERING

SCHIZANTHUS

(Butterfly or Fringe Flower)

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

PER PKT

- 3967 **Dwarf Large-flowered.** A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. $\frac{1}{4}$ oz., 40 cts. 15
- 3968 **Wisetonensis.** A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. 25
- 3970 **Mixed.** A splendid mixture of the regular type. $\frac{1}{4}$ oz., 25 cts. 5

SIDALCEA

Hardy perennials of considerable beauty for the border, growing from 3 to 5 feet high and producing their showy, satiny flowers during June and July; blooms well either in sun or partial shade, of easy culture, succeeding in any ordinary garden soil.

- 3974 **Candida.** A very pretty white flowering variety; 2 to 3 feet 10
- 3975 **Rose Queen.** A new variety and one of the finest hardy perennials, develops spikes 5 feet high covered with large brilliant rose-colored flowers. 2 pkts., 25 cts. 15
- 3976 **Rosy Gem.** Of dwarf habit, not over 3 feet high, and pretty bright rose flowers. 10



SOLANUM CAPSICASTRUM



STATICE LATIFOLIA



SCHIZANTHUS (Butterfly or Fringe Flower)

SMILAX

(Myrsiphyllum Asparagoides)

PER PKT.

- 3981 In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. $\frac{1}{4}$ oz., 30 cts. 10

SOLANUM

- 3991 **Capsicastrum** (*Jerusalem Cherry*). This is a very useful pot plant for winter decoration. It is of dwarf, branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot 10
- 3992 — **Fra Diavalo.** A new variety of the above, of close, compact growth, with foliage somewhat smaller and lighter green. The small, bright scarlet fruits remain on the plant a long time and make it a beautiful decorative pot plant through the winter months 15

STATICE (Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

- 3997 **Latifolia.** Purplish-blue flowers. (See cut.) 10
- 4000 **Mixed.** Containing many sorts. 10

STEVIA

- 4001 **Serrata.** Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. 10



Dreer's Select SWEET PEAS

There are hundreds of both Orchid-flowered and Grandiflora varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list, but we think it best to confine our offers to such sorts as are really first class, and every variety we offer is entitled to a place in the front rank of Sweet Peas. In addition to the splendid list of Orchid-flowered sorts offered on the page opposite we also offer the very latest introductions, which are fully described on page 61.

HOW TO GROW SWEET PEAS

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Mulford's Inoculating Culture. We can supply a special Culture for Sweet Peas. Price, 25 cts. per bottle, enough for any ordinary garden. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends upon the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. It is just as well to do the staking at the time of sowing.

During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible, to prevent the plants from running to seed, which would stop them from continuing in bloom.

White-seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under cold, wet conditions, the seed is liable to rot. With few exceptions, Sweet Peas are black-seeded, and these do not appear to be affected like the white-seeded sorts.

DREER'S SELECT GRANDIFLORA SWEET PEAS

The following are the very choicest grandiflora sorts—varieties that stand at the head of their respective color and that have the endorsement of the leading American and European specialists—and it would be impossible to select a similar list out of the vast number of grandiflora sorts that would combine in the same degree all the qualities which go to make up first-class varieties.

- 4233 **Black Knight.** Very deep maroon, shaded black.
4234 **Blanche Ferry.** The popular pink and white.
4235 **Dorothy Eckford.** Magnificent pure white.
4236 **Flora Norton.** The clearest bright blue.
4242 **Hon. Mrs. E. Kenyon.** The finest primrose-yellow.
4243 **Janet Scott.** A grand deep rich pink.

- 4244 **King Edward VII.** The finest crimson-scarlet.
4245 **Lady Griseld Hamilton.** A grand pale lavender.
4246 **Lord Nelson.** The richest deep navy-blue.
4247 **Lovely.** Soft shell-pink; a lovely shade.
4251 **Miss Willmott.** Brilliant orange-pink; very large.
4254 **Prima Donna.** A magnificent pure pink.

Price. Any of the above, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.

4268 **Collection of a packet each** of the above 12 Select Grandiflora Sweet Peas for 40 cts.

4269 **Collection of one ounce each** of the above 12 Select Grandiflora Sweet Peas for \$1.25.

- 4260 **Dreer's "Peerless" Mixture.** This mixture contains nothing but the finest grandiflora varieties blended with the greatest care, so as to produce best color effect. 5 cts. per pkt.; 10 cts. per oz.; 30 cts. per $\frac{1}{4}$ lb.; \$1.00 per lb.

- 4270 **Cupid, Dwarf or Bedding Mixture.** These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.; \$1.50 per lb.

DREER'S SUPERB Orchid-flowered Sweet Peas

The best of the old-fashioned or grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are just as easy to grow as the grandiflora varieties. For list of the finest sorts, also for the latest introductions, see Novelties and Specialties, pages 52 to 62.

- 4061 **Agricola.** Extra large, very wavy flowers of a light lilac or lavender pink, a color that lights up beautifully under artificial light.
- 4071 **Barbara.** Beautiful rich orange-salmon. A most brilliant color and makes a very effective bunch.
- 4074 **Blanche Ferry Spencer.** Identical in color to the popular pink and white Blanche Ferry; immense wavy flowers.
- 4078 **Blue Picotee.** Pure white, daintily edged with a narrow border of violet-blue.
- 4086 **Countess Spencer.** A lovely clear pink, shading deeper at the edges, the original of this type.
- 4095 **Dobbie's Cream.** The finest and largest primrose-yellow yet introduced.
- 4108 **Elfrida Pearson.** The finest and largest blush pink.
- 4114 **Fiery Cross.** The sensational fiery-scarlet variety. 10 cts. per pkt.; 60 cts. per oz.
- 4117 **Florence Nightingale.** A large and fine pure lavender, a great favorite.
- 4136 **Illuminator.** Rich salmony-orange overlaid with bright cerise-pink, the effect being a glowing orange-scarlet; flowers uniformly large.
- 4143 **King Edward Spencer.** Bright crimson-scarlet of largest size. A fine variety.
- 4147 **King White.** The finest white-seeded pure white.
- 4151 **Margaret Atlee.** The best rich pink. A giant in size and a strong grower.
- 4152 **Margaret Madison Improved.** Opens a delicate azure-blue, developing to a clear, light lavender.
- 4154 **Mrs. Cuthbertson.** The finest bicolor, standard rose-pink, wings blush white; flowers of largest size.
- 4156 **Mrs. Hugh Dickson.** Beautiful salmon-pink on a cream ground, color effect rich apricot, extra fine.
- 4158 **Mrs. R. Hallam.** An exquisite tone of salmony rose-pink, one of the most charming varieties yet introduced.
- 4177 **Othello Spencer.** Beautifully waved flowers of a rich deep maroon, immense size.
- 4194 **Robert Sydenham.** This grand variety is considered the most distinct new color introduced to date, being a glowing orange throughout; a good strong grower with flowers of characteristic Spencer size and form. 10 cts. per pkt.; 60 cts. per oz.
- 4196 **Rosabelle.** A magnificent large and finely waved bright rose. Extra fine in every way.
- 4198 **Royal Purple.** Rich royal purple. One of the finest and most distinct varieties.
- 4202 **Scarlet Emperor.** Rich deep scarlet; extra large, and nicely waved.
- 4214 **Thomas Stevenson.** Brilliant orange-scarlet of large size.
- 4222 **Wedgwood.** Bright silvery or wedgwood-blue, a beautiful and popular color.
- 4228 **White Spencer.** A pure, wavy white of enormous size and splendid substance; long, strong stems.
- Price.** Any of the above, except where noted, 10 cts. per pkt.; 40 cts. per oz.; \$1.25 per $\frac{1}{4}$ lb.
- 4208 **Collection** of a packet each of the entire 25 varieties offered above, \$1.75.



ORCHID-FLOWERED SWEET PEAS KING WHITE

DREER'S ORCHID-FLOWERED SWEET PEAS IN MIXTURE

- 4230 Read what we say about this type at top of this page. They represent the highest achievement in Sweet Peas to date, and this mixture has been made up out of named sorts only, insuring a well balanced range of colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.; \$2.50 per lb.



CUT-AND-COME-AGAIN STOCKS

STOCKS (Gilliflower)

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

IMPROVED LARGE-FLOWERING 10-WEEK STOCKS

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types.

PER PKT.		PER PKT.	
4011 Blood-red	10	4015 Purple	10
4013 Light Blue	10	4016 Pure White	10
4014 Bright Pink	10	4017 Canary-yellow	10
4020 Mixed. Double large-flowering.	$\frac{1}{2}$ oz., 50 cts.		5
4018 Collection. A packet each of above 6 colors			50

MAMMOTH-FLOWERING BEAUTY STOCKS

A magnificent recently developed strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers, they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September; if sown in February or March will produce plants that will bloom out of doors from midsummer till frost.

4043 Beauty of Nice. Delicate flesh-pink.	15
4044 Crimson King. Rich blood-crimson.	15
4045 Mont Blanc. Purest white.	15
4046 Monte Carlo. Canary-yellow.	15
4047 Queen Alexandra. Soft rosy-lilac.	15
4048 Summer Night. Rich deep blue.	15
4049 Collection of 6 colors.	60
4050 Choicest Mixed. All colors.	$\frac{1}{2}$ oz., 75 cts. 10

CUT-AND-COME-AGAIN 10-WEEK STOCKS

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers.

	PER PKT.
4031 Princess Alice. White.	15
4032 La France. Rose.	15
4033 Brilliant. Blood-red.	15
4034 Sapphire. Dark blue.	15
4035 Creole. Creamy-yellow.	15
4036 May Queen. Delicate lilac.	15
4040 Finest Mixed. All colors.	$\frac{1}{2}$ oz., 75 cts. 10
4039 Collection of a packet each of the 6 colors.	60

STOKESIA (Cornflower Aster)

4051 **Cyanea.** This is not new, but is a rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. (See cut.) $\frac{1}{2}$ oz., 30 cts. 10

4052 **Cyanea alba.** A pure white-flowering form, identical to the popular blue variety in every way except color. $\frac{1}{2}$ oz., 40 cts. 10

4060 **Cyanea Mixed.** Containing many new colors. 2 pkts., 25 cts. 15



STOKESIA (CORNFLOWER ASTER)

SWEET ROCKET

(Hesperis)

4278 Old-fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 40 cts. 5



SWEET ROCKET

SWEET WILLIAM (Dianthus Barbatus)

(London Tufts)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

- | | | |
|------|--|---|
| 4286 | Single Velvety Maroon..... | 5 |
| 4288 | — White..... | 5 |
| 4283 | — Crimson..... | 5 |
| 4285 | — Scarlet..... | 5 |
| 4290 | Single Mixed. All colors. Per ¼ oz., 20 cts..... | 5 |

4282 **Newport Pink.** A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. 2 pkts., 25 cts..... 15

4281 **Scarlet Beauty.** A very effective rich, deep scarlet variety. 2 pkts., 25 cts..... 15

4291 **Holborn Glory.** This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. ¼ oz., 25 cts..... 10

4297 **Double Mixed.** All colors. ¼ oz., 30 cts..... 10

4296 **Giant Double.** A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. ¼ oz., 50 cts..... 15

2342 **Latifolius Atrococcineus, Fl. Pl.** (*Everblooming Hybrid Sweet William*). A brilliant crimson-scarlet variety that is very effective in any position, and one of the best perennials in the list. ¼ oz., 50 cts..... 15

TAGETES

4301 **Signata Pumila.** A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright golden-yellow; a first-class border plant. (See cut.) ¼ oz., 30 cts..... 5



THUNBERGIA



TAGETES SIGNATA PUMILA

TORENIA

4322 **Fournieri.** A very fine annual; a splendid plant for vases, hanging-baskets, borders, etc.; covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow centre..... 15

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily)

4330 **Hybrida.** The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from our own collection, which is undoubtedly the finest in this country. Of course, for immediate results it will be better to get plants, but raising them from seed is highly interesting. 2 pkts., 25 cts..... 15

TUNICA

4335 **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high, and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rocky or the margin of the hardy border; blooms the first season..... 10



DOUBLE AND SINGLE SWEET WILLIAM

THUNBERGIA

(Black-eyed Susan)

4310 Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. (See cut.) ¼ oz., 25 cts..... 5



DREER'S MAMMOTH VERBENA

VALERIANA (Valerian)

PER PKT.

- 4340 **Rubra, Mixed.** Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. $\frac{1}{4}$ oz., 25 cts. 10

VERONICA (Speedwell)

The three sorts offered are very pretty hardy perennials, and well worth a place in any collection.

- 4371 **Incana.** Bright silvery foliage, with spikes of amethyst-blue flowers; July and August; 1 foot. 10

- 4376 **Spicata.** An elegant border plant, growing about $1\frac{1}{2}$ feet high, producing long spikes of bright blue flowers in June and July. 10

- 4377 — **Alba.** A white-flowered form. 10

VINCA (Madagascar Periwinkle, or Old Maid)

Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hotbed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water. 2 feet. (See cut.)

- 4381 **Rosea.** Rose, dark eye 10

- 4382 — **Alba.** White, crimson eye. 10

- 4383 — **Alba Pura.** Pure white. 10

- 4390 — **Mixed.** All the colors. $\frac{1}{4}$ oz., 30 cts. 5

Dreer's Mammoth Verbenas

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease. (See cut)

PER PKT.

PER PKT.

- | | | | |
|----------------------------|----|----------------------------|----|
| 4351 Pink. | 10 | 4354 Striped. | 10 |
| 4352 Purple. | 10 | 4355 White. | 10 |
| 4353 Scarlet. | 10 | 4356 Blue. | 10 |

- 4360 **Dreer's Mammoth Mixed.** $\frac{1}{4}$ oz., 50 cts. 10

- 4359 **Collection** of Mammoth Verbenas, 6 colors. 50

- 4361 **Hybrida, Fine Mixed.** All colors of the older sorts. $\frac{1}{4}$ oz., 30 cts. 5

VARIOUS VERBENAS

- 4366 **Lemon Verbena** (*Aloysia Citriodora*).

Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower. 15

- 4365 **Erinoides** (*Moss Verbena*). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable. 10

- 4367 **Venosa** (*Hardy Garden Verbena*). This variety is largely used for bedding purposes. It is a strong, thrifty grower about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. $\frac{1}{4}$ oz., 30 cts. 5



VINCAS

VISCARIA

Very free-blooming annuals, closely allied to the *Lychnis*, they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

- 4412 **Cardinalis**. Brilliant cardinal crimson; very bright..... 10
 4413 **Mixed**. Containing about six different colors..... 5

WALLFLOWER

Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

- 4415 **Paris Extra Early**. A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring. $\frac{1}{4}$ oz., 25 cts 10
 4414 **Goliath**. A splendid single variety; flowers of a rich, shining red, with a black velvety sheen..... 10
 4420 **Single Mixed**. All colors. $\frac{1}{4}$ oz., 20 cts..... 5
 4430 **Double Finest Mixed**..... 10
 4419 **Collection** of Single Wallflower; 6 colors. 40

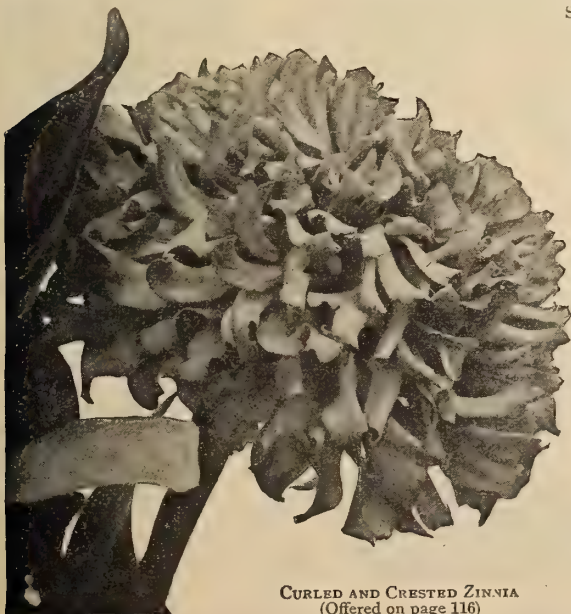
WILD GARDEN FLOWER SEEDS

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

- 4550 **Dwarf Sorts**. Growing from 12 to 18 inches high, 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb..... 10
 4560 **Tall Sorts**. Growing from 18 to 36 inches high, 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb..... 10

WATER LILY SEEDS

We annually save a quantity of these at our aquatic gardens, Riverton, N. J., and offer a selection of the same on page 98.



CURLED AND CRESTED ZINNIA
(Offered on page 116)



SINGLE WALLFLOWER



XERANTHEMUMS

XERANTHEMUM

(Everlasting, or Immortelle) PER PKT.

- 4433 **Annum**. One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors 10

DREER'S SUPERB ZINNIAS

The most important varieties of this indispensable long-flowering annual is offered on page 116; but the sorts offered below should not be overlooked, all being worth while growing.

- 4481 **Mexicana Perfection**. A very dwarf variety, bearing small double flowers of unusual colorings; makes a beautiful border. 2 pkts., 25 cts..... 15
 4485 **Red Riding Hood**. This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective. $\frac{1}{4}$ oz., 30 cts..... 10
 4490 **Single Mixed**. For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. $\frac{1}{4}$ oz., 25 cts..... 5
 4500 **Tall Double**. The old-fashioned tall-growing variety; 3 feet; mixed colors. Per oz., 40 cts..... 5
 4510 **Zebra**. A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. $\frac{1}{4}$ oz., 25 cts..... 10



DREER'S CHOICE ZINNIAS (YOUTH AND OLD AGE)

The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost. The varieties offered below are the most important kinds, but the sorts offered on page 115 should not be overlooked.



DREER'S IMPROVED LARGE-FLOWERING DWARF ZINNIAS

DREER'S SPECIAL STRAIN OF GIANT DOUBLE ZINNIAS

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet and bearing on long strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

	PER PKT.
4511 Giant Golden-yellow	15
4512 Giant Scarlet	15
4513 Giant White	15
4514 Giant Flesh-color	15
4515 Giant Sulphur-yellow	15
4516 Giant Crimson	15
4519 Collection of a packet each of the above 6 colors	75
4520 Giant Mixed. All colors. Per 1/4 oz., 40 cts.; oz., \$1.25	15

DREER'S IMPROVED LARGE-FLOWERING DWARF DOUBLE

This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers.

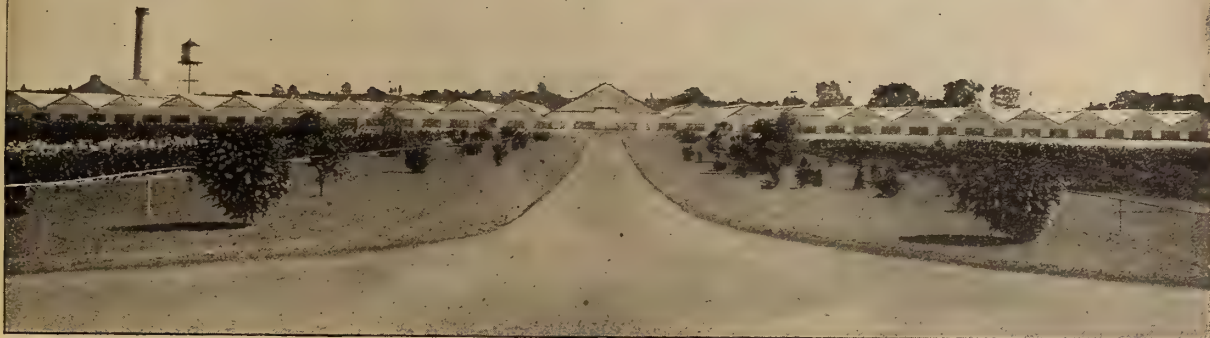
	PER 1/4 OZ.	PER PKT.
4441 Canary. Clear yellow	25	5
4442 Flesh-pink. Delicate shade	25	5
4444 Orange. Rich golden orange	25	5
4445 Dark Scarlet. Very rich	25	5
4446 Salmon Rose. A great favorite	30	10
4447 Bright Scarlet. Bright and fiery	25	5
4457 White. Pure white	25	5
4459 Collection of a packet each of the above 7 sorts, 30 cts.		
4460 Finest Mixed. All colors of the improved Large-flowering dwarf. Per 1/4 oz., 20 cts.; oz., 50 cts.		5
4440 Curled and Crested. The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. (Illustrated on page 115.) 1/4 oz., 25 cts.		10
4470 Double Fringed Mixed. A new type, which has much to recommend it. The petals of the perfectly formed double flowers are more or less deeply cut or fringed, giving them a rather more graceful appearance than the usual form. The plants are of compact habit, about 30 inches high, and have all the free-flowing merits of the family. The mixture contains all the colors usual to Zinnias.		10



A BORDER OF DREER'S IMPROVED DWARF DOUBLE ZINNIAS

Do not overlook the Zinnias offered on page 115

PLANT DEPARTMENT



ENTRANCE TO OUR RIVERVIEW NURSERY, RIVERTON, N. J.

PLEASE READ THIS BEFORE ORDERING PLANTS

TIME OF SHIPMENT.—All plants, whether the stock is seasonable or not, are forwarded as soon after receipt of the order as possible. Many of our customers who have facilities for their care, purposely order plants out of season so as to have them on hand when planting conditions are favorable. As we do not know whether you have such facilities, you must specify on the order when you want shipment made, if you do not wish them at once.

RESERVATION OF PLANTS FOR PLANTING TIME.—While we try as far as possible to reserve plants on orders placed in advance, to be sent at planting time, it must be borne in mind that plants are highly perishable, and cannot be packed and stored for future shipment like most other kinds of merchandise. Weather conditions frequently interfere with making such reservations at the time the order is received, and when Spring opens there is usually such a congestion of orders for immediate shipment that it is impossible to make reservations. This is particularly the case during the present period of scarcity of not only skilled, but also common labor. Customers may rely on us doing our utmost in making reservations, but if we fail we assume no responsibility, and all advanced orders are accepted on these conditions only.

SAFE ARRIVAL GUARANTEED.—We guarantee the safe arrival of all goods sent by express or mail to points within the U. S. proper. If a package sent by express or mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Claims for damages must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

PLANTING TABLE.—The table below shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant toward the centre of the bed.

Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.	Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.
3 feet	28	7				12 feet	452	113	50	28	18
4 "	48	12	6			13 "	528	132	59	33	22
5 "	80	20	8			14 "	612	153	68	39	25
6 "	112	28	13	7		15 "	704	176	78	44	28
7 "	152	38	17	9		16 "	804	201	89	50	32
8 "	200	50	23	12		17 "	904	226	100	57	36
9 "	256	64	28	16		18 "	1016	254	113	63	40
10 "	320	80	36	20	13	19 "	1132	283	126	71	46
11 "	380	95	42	24	16	20 "	1256	314	139	78	50

A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter. (117)

HOW WE SHIP.—All Plants, Roots and Bulbs are forwarded by express, purchaser paying charges. For those of our customers who live at a distance from an express office, making it more convenient for them to receive their goods by parcel post, we will be pleased to forward in this manner such plants, etc., as can be sent in this way **at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs.**

To all points East of the Mississippi River, 10 per cent. extra.
 " " West " " 20 " "

Heavy Plants, such as Shrubs, as well as the larger sizes of Palms, and other ornamental foliage and flowering plants cannot be sent by mail.

We recommend our customers to have their orders forwarded by express, as our experience shows that this method is usually the most satisfactory, except on small packages.

SHIPMENTS BY STEAMBOAT.—Fast line of steamboats connect Philadelphia with Baltimore, Boston, Norfolk, Savannah, Troy, Albany and New Orleans. This forms a convenient, cheap and safe method of transportation, except during severe cold weather.

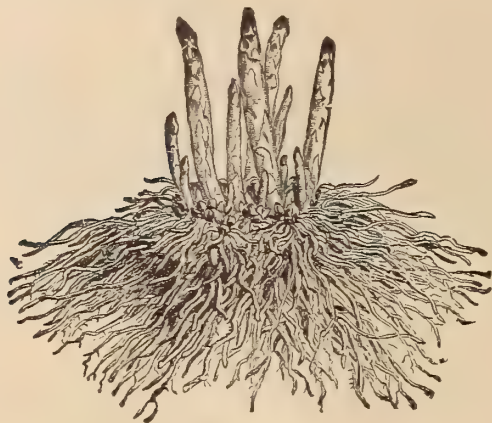
PLANTS BY RAILROAD FREIGHT.—Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines even to distant points at low rates.

PACKING.—We make no charge for boxes, packing or delivery on Express, Freight or Steamboat shipments. The extra labor of packing Parcel Post shipments is included in the additional 10 and 20 per cent. cost noted above.

Vegetable Plants, Roots and Herbs

It is the patriotic duty of every one who is in position to produce food to do so to the full extent of their facilities; and the more you produce for home consumption, just so much more is released for the use of those who are not fortunate enough to be able to have their own Victory Garden.

As it is not always possible or convenient for the Amateur to raise his own plants of such things as should be started in a hot-bed or greenhouse, including Tomatoes, Egg Plants, Peppers, etc., we have greatly increased our facilities for the production of these and other Vegetable Plants and Roots, all of which can be supplied in season.



ASPARAGUS ROOT



DREER'S ALL HEART LETTUCE

ARTICHOKES

Dreer's Selected Large Green Globe. Pot Grown Plants. (Ready April and May.) \$1.50 per doz.; \$10.00 per 100.

Jerusalem Artichoke. Grown for pickling, also extensively used for feeding stock. Tubers, 30 cts. per qt.; \$1.50 per peck; \$5.00 per bushel.

ASPARAGUS

(Cultural leaflet mailed free on application)

Dreer's Eclipse. This variety is the result of a most careful selection and "breeding up" to the large type, yet retaining that delicate light green color and tender quality desired.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to mammoth size, sometimes weighing as much as 4 ounces each. We supply plants grown from French seed.

Conover's Colossal. Large and productive.

Palmetto. An early, prolific and very desirable variety.

Columbian Mammoth White. Large, white stalks, very tender. Price. Any of the above varieties in strong two-year-old roots (the proper size to plant), 30 cts. per doz.; \$1.25 per 100; \$10.00 per 1000.

BRUSSELS SPROUTS

(Ready April, May and June)

Dreer's Select Matchless. An extra select strain of this desirable vegetable. 15 cts. per doz.; 75 cts. per 100; \$6.00 per 1000.

CABBAGE, EARLY VARIETIES

(Ready April and May)

Early Jersey Wakefield. Very early; conical heads.

Early Summer. Large, solid, flattish heads.

15 cts. per doz.; 60 cts. per 100; \$5.00 per 1000.

CABBAGE, LATE VARIETIES

(Ready June and July)

Dreer's Selected Flat Dutch. The best late Cabbage.

Perfection Drumhead Savoy. Of superior quality; fine flavor.

Mammoth Rock Red. The largest and most solid of the red sorts. 60 cts. per 100; \$4.00 per 1000.

CAULIFLOWER

(Ready April and May)

Dreer's Earliest Snowstorm. The best extra early variety.

Early Snowball. Very early; of fine quality.

Hot-bed Grown, 25 cts. per doz.; \$1.50 per 100

Pot-Grown 75 " " " 5.00 " "

CELERY

(Ready July and August)

Easy Blanching. A new variety that blanches very easily; desirable both for early and late use.

Columbia. An exceptionally fine early variety.

Dreer's Monarch. Very large green stalks with golden heart.

Giant Pascal. A popular variety for late use.

Golden Self Blanching. A fine early sort, requiring very little labor to blanch.

Perfected White Plume. Unsurpassed for fall and early winter use.

Winter King. A strong grower and one of the best winter keepers.

Winter Queen. An excellent winter keeping variety.

75 cts. per 100; \$6.00 per 1000.

CHAMOMILE

Pot Grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

CHIVES

For flavoring. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

EGG PLANTS

(Ready May and June)

Early Black Beauty. Produces in abundance fruit of the very best quality. Pot Grown Plants. 3-inch pots, 75 cts. per doz.; \$5.00 per 100.

HOP VINES

Pot Grown. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

HORSE RADISH

Maliner Kren or New Bohemian. A variety that produces roots of enormous size, and succeeds in any soil. Sets. 30 cts. per doz.; \$1.00 per 100; \$7.50 per 1000.

LAVENDER

Pot Grown. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LETTUCE (Ready April and May)

Dreer's All Heart. The most reliable hard-heading Lettuce ever introduced; extra fine quality.

Dreer's Improved Hanson. One of the best head varieties for summer use.

15 cts. per doz.; 50 cts. per 100.

MINT

Peppermint and Spearmint.

Pot Grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

PEPPERS (Ready May and June)

Large Bell or Bullnose. Large thick fleshy fruits of mild flavor.

Pimiento. The sweetest pepper grown; very freely produced.

Ruby King. A good variety; very productive and sweet.

Long Red Cayenne. Long scarlet fruits; hot and pungent.

PENNYROYAL

Pot Grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

PARSLEY (Ready April, May and June)

Dreer's Dwarf Perfection. Forms globular plants of beautifully curled foliage. Pot Grown. 75 cts. per doz.; \$5.00 per 100.

Pot Grown. 75 cts. per doz.; \$5.00 per 100.

RHUBARB

Early Victoria. Produces very large stalks and considered the finest cooking variety. Strong Roots. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ROSEMARY

Pot Grown. 25 cts. each; \$2.50 per doz.

SAGE, HOLT'S MAMMOTH

20 cts. each; \$1.50 per doz.; \$10.00 per 100.

SAVORY, WINTER

Pot Grown. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SWEET POTATOES

(Ready May and June)

Yellow and Red Nansemond. 75 cts. per 100; \$6.00 per 1000.

TANSY

Pot Grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

TARRAGON (Estragon)

Pot Grown. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

THYME

Broad Leaved English. Pot Grown, 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

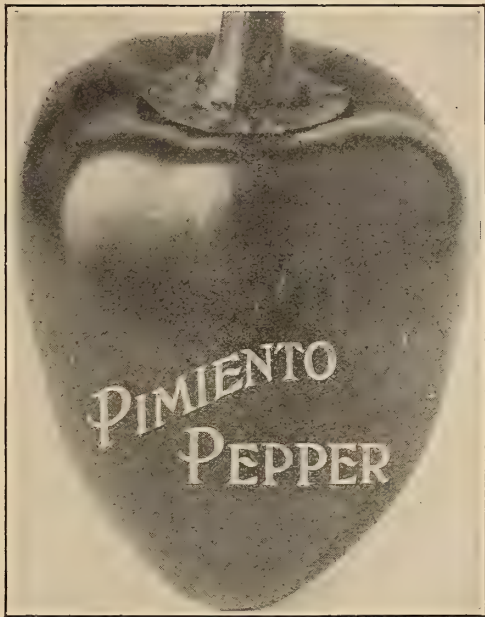
TOMATOES (Ready May and June)

Bonny Best. Early and productive; fruit of uniform size and shape; color bright scarlet.

Stone. The leading variety for general use; fruit exceedingly solid and of finest quality.

Ponderosa. A splendid variety of largest size; very solid; color purplish-pink.


Strong Plants grown in 3-inch pots. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1000.



EARLY JERSEY WAKEFIELD CABBAGE

POT-GROWN TOMATO PLANT
(Showing the Strong Root Development)

DREER'S SELECT SMALL FRUITS

 All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.

We do not handle fruit trees such as Apples, Pears, Cherries, etc.



RATHBUN BLACKBERRIES

BLACKBERRIES

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

Rathbun. A splendid berry of exceptional fine flavor.

Snyder. One of the oldest and still one of the most popular.

Price. 75 cts. per doz.; \$4.00 per 100; \$30.00 per 1000.

CURRANTS AND GOOSEBERRIES

Fearing the introduction of the White Pine Blister Rust into their forests, a number of states prohibit the purchase of either Currants or Gooseberries from out-of-State nurseries, as there is a possibility of these two plants becoming affected and spreading the disease. We have, therefore, discontinued to handle them for the present.

SIX BEST HARDY GRAPES

Campbell's Early. An improved Concord; very early.

Catawba. Red, sweet and rich, with pleasant musky flavor.

Concord. The most popular black grape; succeeds everywhere.

Moore's Diamond. Delicate greenish-white, with rich yellow tinge.

Prolific, early and hardy, of fine quality.

Niagara. Berries large, light greenish-white; slightly ambered.

Pocklington. Bunch and berry large; golden-yellow.

Price. Strong selected two-year-old vines, 30 cts. each; \$3.00 per doz.; \$18.00 per 100.

RASPBERRIES

Raspberries will succeed in any soil that will grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered. This will give more vigor to the young canes for next year's bearing.

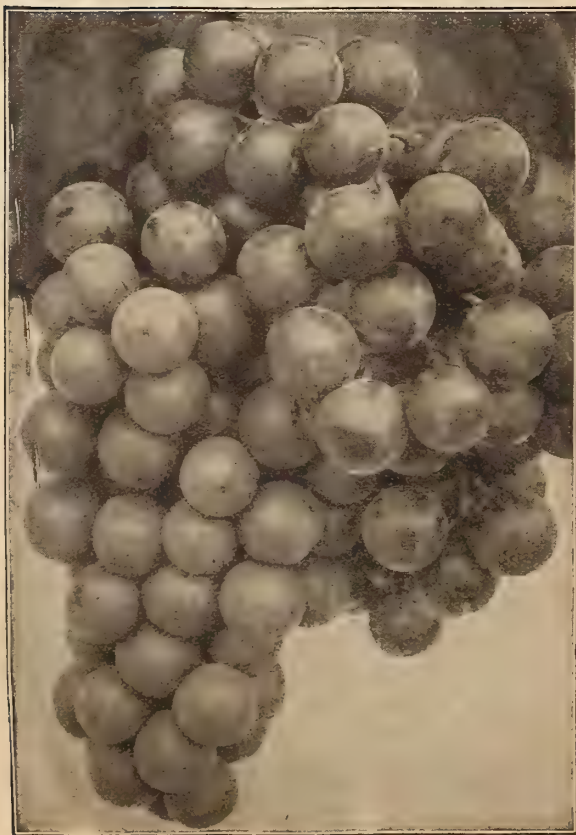
Cumberland. A large black cap of exceedingly fine quality.

Cuthbert. Large, deep, rich crimson.

Price. 75 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

NEW EVERBEARING RASPBERRY, RED RANIERE

This is not only the earliest raspberry, but it is a perpetual fruiting variety. Its main crop is greater than that of any other red variety, and continues to bear fruit on the old canes until late in August, at about which time the berries begin to ripen on the young canes of the current year's growth, which continue to bear fruits in increasing number until late in fall. The berries are bright crimson, of good size, excellent quality, of a rich sugary, full raspberry flavor. 10 cts. each; 75 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.



HARDY GRAPES



RASPBERRY

DREER'S COLLECTION OF Six Luscious Strawberries

A selection of perfect flowering varieties, they are all well-tried standard sorts which combine in the highest degree all the qualities looked for in high-grade berries, and no amateur will go wrong in limiting his plantings to the sorts here offered.

BRANDYWINE

This is considered one of the finest mid-season to late-fruited sorts. We do not know that it has a single defect. The fruit is extra large, heart-shaped, color bright, rich red, and the flavor leaves nothing to be desired.

CHESAPEAKE

A most reliable late berry, which is giving perfect satisfaction in all parts of the country, every berry being well developed and strictly fancy, of good color, and of highest quality.

GANDY'S PRIZE

The standard late variety, which has held its own for many years. It is a strong healthy grower. The berries are borne on long, strong stalks, well above the ground.

MARSHALL

This is one of the finest early berries grown. The plant is a vigorous grower and a good bearer. The berry is *very* large, of regular form, dark, glossy red, and of fine quality.

WILDWOOD

One of the earliest to ripen. Berries of large size, which ripen all over. These are held well above the plants on stout stiff stems, and have the aroma and flavor of the wild strawberry.

Price. Any of the above varieties in strong layer plants, 35 cts. per doz.; \$2.00 per 100; \$15.00 per 1000.
Or, we will supply collections as follows:



AUTUMN FRUITING STRAWBERRIES



WILLIAM BELT

For vigorous growth, great productiveness, size, beauty and fine quality, this mid-season variety is one of the very best. It is grown by the acre for fancy fruit, and is generally mentioned in connection with the Marshall. Fruit of regular form, bright glossy red, the ideal color for a strawberry.

6 plants each of the 6 varieties,	36 in all, for \$1 00
12 " " " 6 " "	72 " " 1 50
25 " " " 6 " "	150 " " 3 00

Autumn-Fruiting Or Everbearing Strawberries

Fall-bearing Strawberries of European origin have little value for planting in our trying climate. The two varieties offered below are of American origin, and under ordinary conditions produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October, or if the disbudding of part of the plants is discontinued late in June an almost continuous crop of this luscious fruit may be secured throughout the growing season. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial and the plants should not be allowed to suffer for lack of water at any time.


Progressive. The strongest growing and most prolific fruiting of the two varieties, berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

Superb. Very free fruiting and for size of berries, handsome appearance and quality, it is at the head of this type, surpassing in this respect some of the June fruiting varieties.

Price. Either of the Everbearing varieties, 35 cts. per doz.; \$2.00 per 100; \$15.00 per 1000.

Garden and Greenhouse PLANTS AND BULBS

Due to the abnormal conditions existing at the present time, which make it necessary to meet the conservation of fuel, and also because of the great shortage of labor, many varieties of Garden and Greenhouse plants usually offered in our annual Garden Book have been temporarily discontinued, but we hope to be able to again offer them as soon as conditions permit.

 Please read what we say regarding filling and forwarding of Plant Orders on page 117 



AGAPANTHUS UMBELLATUS

AGAPANTHUS

Umbellatus (*Blue Lily of the Nile*). A splendid ornamental plant, bearing clusters of bright, blue flowers on 3-foot long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza.

— **Albus**. A white flowering variety.

— **Mooreanus**. A smaller form than the type with dark-blue flowers; produced very freely.
50 cts. each; \$5.00 per doz.

ALOYSIA (Lemon Verbena)

Citriodora. The well-known popular pot or bedding plant, grown for its richly fragrant foliage. 25 cts. each; \$2.50 per doz.

AMORPHOPHALLUS

(Devil's Tongue, or Snake Palm)

Rivieri. Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm, sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla. This is soon followed by the massive tropical-looking leaves, supported by thick, beautifully marbled stems. Large bulbs, 50 cts. each.

DREER'S LARGE-FLOWERING HALF-DWARF

ANTIRRHINUMS (Snapdragon)

Popular plants for bedding and for cutting. We offer the six distinct and beautiful colors shown on the color plate, and described on page 52. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

(122)

AMARYLLIS

(Hippeastrum)

The Amaryllis is pre-eminently a window-garden plant for the amateur, producing under the simplest conditions one, two, or even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, which last long in good condition. For full cultural directions see our new book, "Dreer's Hints on the Growing of Bulbs." Price, 25 cts. Copies free to customers who ask for it when ordering.

Dreer's American Hybrids. In offering this selection of seedlings we believe that they are the best obtainable at the present time, and we know of nothing that we can recommend that will give the amateur greater pleasure for his window garden. They have been grown from seed which has been produced by crossing the finest named varieties obtained from the most noted specialists, the cream of their collections, and the resulting strain embodies, with vigorous growth, free-flowering habit and enormous size of the individual flowers, a really wonderful range of colors, varying from deep crimson to bright orange-scarlet, and from light rose to almost pure white, many of them beautiful combinations in stripes and variegations. Mixed varieties only in very strong bulbs, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Formosissima (*Jacobean Lily*). Brilliant crimson, free and early. 15 cts. each; \$1.50 per doz.

Johnsoni. Very large flowers of a rich crimson-scarlet color, striped with white. 35 cts. each; \$3.50 per doz.



DREER'S AMERICAN HYBRID AMARYLLIS

DREER'S SUPERB LATE-BRANCHING ASTERS

This is the finest type of China Aster for the amateur, being of strong, robust habit, growing 2½ feet high and bearing their large Chrysanthemum-like flowers from August to October. We can supply nice plants in May and June of the 8 distinct colors offered below. Illustrated in colors and fully described on page 53.

- Azure Blue.** A deep rich lavender.
- Deep Crimson.** Rich and glowing.
- Deep Rose.** Distinct and fine.
- Pale Lavender.** Exquisite grayish-blue.
- Deep Purple.** A rich royal shade.
- Rose-pink.** A lovely shade; very popular.
- Shell-pink.** Soft and dainty.
- Pure White.** Perfect in its purity.

75 cts. per doz.; \$5.00 per 100.

CALLAS (Richardia)

The varieties offered below succeed best when treated in the same manner as Gladiolus, Tuberose and other summer-flowering bulbs. They should be planted in the open border in a dormant condition when danger from frost is over in spring, and will then flower during the summer months. In the autumn dig and store through the winter as you would potatoes.

Golden Yellow (*Richardia Eliottiana*). This is the best of the yellow Callas, its flowers being as large as the popular white variety, but of a rich, lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which adds much to its beauty. Strong bulbs, 35 cts. each; \$3.50 per doz.

Spotted Leaf (*Richardia alba maculata*). Leaves deep green, with numerous white spots. The flowers are white, with a black centre. 15 cts. each; \$1.50 per doz.



CALADIUM ESCULENTUM (Elephant's Ear)



FANCY-LEAVED CALADIUMS

FANCY-LEAVED CALADIUMS

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvellous beauty for the furnishing of the conservatory during the summer months, for window boxes, or even for outdoor bedding in shady or semi-shady positions. Their culture is fully described in our new book, "Dreer's Hints on the Growing of Bulbs." Price, 25 cts., or will be sent free to customers if asked for at time of ordering.

Our collection consists of more than fifty distinct and beautiful varieties. We offer special selections as under:

Choice Standard Varieties. 30 cts. each; set of 12 sorts, \$3.00.

Extra Choice New and Rare Varieties. 50 cts. each; set of 12 sorts, \$5.00.

CALADIUM ESCULENTUM

(Elephant's Ear)

One of the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 6 to 10 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

	EACH	PER DOZ.	PER 100
Large Bulbs.....	25c.	\$2 50	\$15 00
First Size Bulbs ..	15c.	1 50	10 00
Second Size "	10c.	1 00	6 00

DREER'S LARGE FLOWERING CANNAS

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart. To find the number of plants required for any bed from 3 to 20 feet in diameter see planting table on page 117. All have green foliage unless otherwise specified.

Twelve New and Rare Cannas

Truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

Carmine Beauty. Deep, bright carmine flowers, freely produced high above the heavy dark green foliage, which has a narrow red margin. The flowers, while not as large as those of Olympic, are of a much brighter and more pleasing tone. 4½ feet. 50 cts. each; \$5.00 per doz.

Cheerfulness. No more appropriate name could be given this brilliant novelty. Its beautiful bright fire-red or deep orange flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and centre, with each petal flaked carmine-crimson, and you may form some conception of this fascinating variety with its erect stems always topped with clusters of cheerful color held high above the foliage. 3½ feet. 25 cts. each; \$2.50 per doz.

Cleopatra. A striking beauty. Wonderful deep carmine-crimson flowers surmounting the dark glaucous bronze foliage. Very effective. 4 feet. 50 cts. each; \$5.00 per doz.

Cloth of Gold. A very attractive dwarf, compact-growing, free-flowering golden yellow. 3 feet. 50 cts. each; \$5.00 per doz.

Dazzler. Time and again the past season the dark green foliage of this variety has been hidden beneath the mass of clusters of deep fire-red flowers. The intensity of coloring and freedom of blooming, coupled with compact habit, make this variety the peer of the best for bedding purposes. 3½ feet. 25 cts. each; \$2.50 per doz.

Flag of Truce. A large-flowered, creamy-white with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka, but quite distinct and valuable. 4 feet. 50 cts. each; \$5.00 per doz.

Harmony. Great clusters of good-sized, well-formed, Geranium-red flowers are arranged on good stems in such a manner as to give the trusses an almost globular appearance. Carmine-bronze foliage. Altogether a harmonious combination. 3½ feet. 50 cts. each; \$5.00 per doz.

Poppy. Intense Poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage; rich and effective. 5 feet. 50 cts. each; \$5.00 per doz.

San Diego. Chinese-orange or Persian yellow. The crimped petals are remarkable for substance, which enables them to withstand the hot summer sun without wilting. Another charm is the dark bronze color of the buds, which harmonize with the rich bronze foliage. 4 feet. 25 cts. each; \$2.50 per doz.

Lafayette. In some respects resembles the variety "Meteor," but the flowers are not quite as dark, stand more erect and the plant grows taller. 5 feet. 35 cts. each; \$3.50 per doz.

La France. A seedling from Hungaria, which it resembles, but of a more salmony-pink color. A strong, healthy grower and very free-flowering. 4 to 5 feet. 50 cts. each; \$5.00 per doz.

Pocahontas (Bronze-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze. One of the best recent introductions. 4 feet. 35 cts. each; \$3.50 per doz.

Special Offer. One each of the above novel collection for \$4.50.



Dreer's "Peerless Dozen" Cannas

The merits of the varieties making up this collection of Cannas is evidenced by increasing popularity and still more by the fact that with many added novelties we find ourselves unable to make more than two changes from last year's set.

We are confident that no more satisfactory set of twelve popular priced Cannas can be assembled.

Eureka. Our own introduction and the best white Canna for all purposes. The large substantial flowers are very freely produced on strong vigorous plants; 4½ feet.

Fanal. An intense fiery cinnabar-red that compels attention. An ideal grower, producing a great abundance of flowers on upright stems well above the foliage. One of the best bedders; 4 feet.

Favorite. This is the best yellow Canna spotted with red dots. The yellow is intense, and the dots, not too pronounced, add to the beauty of the flowers without detracting from the golden mass. This variety received the highest award at the 1917 meeting of the Society of American Florists; 4½ feet.

General Merkel. One of the earliest and freest-flowering varieties, holding its flowers well above the foliage; in color a brilliant scarlet, suffused with orange, the base and edge of petals marbled golden yellow; 4 feet.

King Humbert. The most popular Canna. Great orange-scarlet flowers surmount the vigorous dark bronze foliage throughout the season; 5 feet.

Meteor. Magnificent bedding variety with massive erect trusses of deep blood-red flowers, produced with a freedom that leaves nothing to be desired. The best deep red large-flowered Canna; 5 feet.

Mrs. Alfred Conard. One of the very best Cannas in commerce today. The large exquisitely shaded salmon-pink flowers are produced in great abundance on robust upright stalks; 4 feet.

Orange Bedder. Our own introduction. Superior to all preceding varieties of this color. Awarded Certificate of Merit by the Society of American Florists, 1917. Particularly attractive bright orange, with just enough scarlet suffusion to intensify the dazzling mass of color. A very free bloomer; 5 feet.

Olympic. Rich oriental red, shading lighter toward the center and dappled carmine. The individual trusses and florets are very large. A majestic, impressive beauty; 5 feet.

The Gem. The immense trusses of flowers are borne well above the foliage on upright stems. Color a deep cream or straw-yellow, dotted with pale carmine; refined. A vigorous grower and free-flowering; 4½ feet.



CANNA
MRS. ALFRED CONARD

Wintzer's Colossal. The largest flowering Canna we have seen. Individual florets often measure over eight inches across. The color is a bright scarlet. The plant is a strong vigorous grower and very free-flowering. It is of the Italian or Orchid-flowering type and very striking; 5 feet.

Yellow King Humbert (Queen Helene). Offered by us for the first time in 1917. It has proven so satisfactory that there is a possibility that the demand for it may equal that of King Humbert in a few years. Identical with King Humbert in habit of growth and flowering, and produces yellow flowers, dotted with red, and has green foliage; 5 feet.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One of each for \$2.50.

CLIVIA MINIATA (Imantophyllum)

A pretty lily-like plant of the easiest culture, and a most desirable house plant, it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long, and are borne in dense clusters of from 10 to 20 flowers each; in color it is of a fine orange-red, shading to buff. Large, strong plants, 75 cts. each.

EARLY-FLOWERING COLOSSAL COSMOS

Indispensable summer and autumn blooming plants, producing their artistic blossoms in lavish profusion. Plants ready May 1. We can supply **White, Pink and Crimson.** 10 cts. each; \$1.00 per doz.; \$7.00 per 100.



CLIVIA

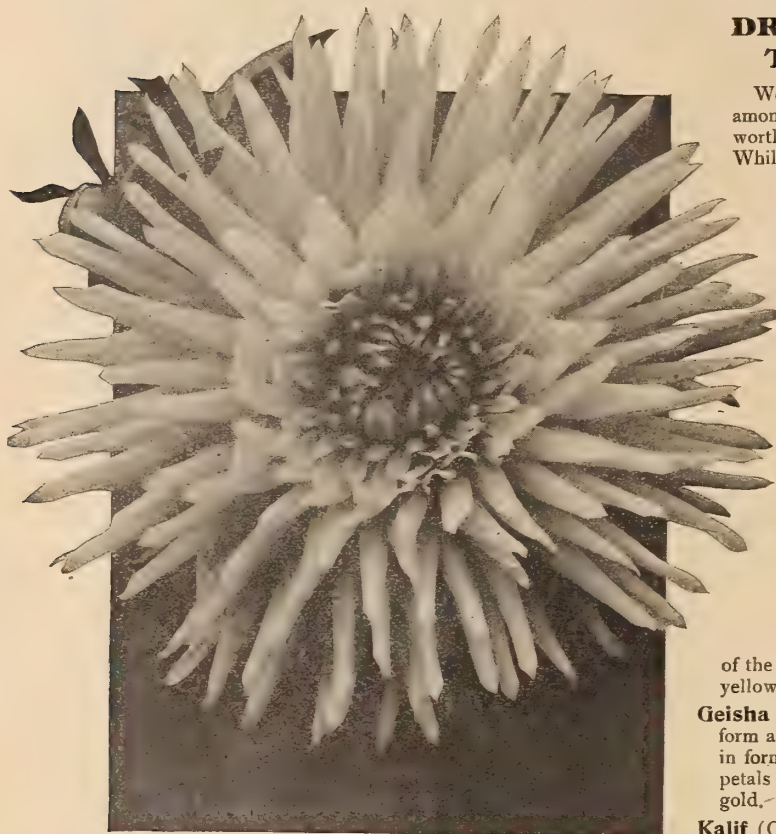
DREER'S SELECT DAHLIAS

All of the Dahlias offered in this catalogue are supplied in dormant field roots, or strong divisions of proper planting sizes—not clumps. We have discontinued the sale of green or growing plants of Dahlias.

Notes on the culture of Dahlias are included in our new book, "Dreer's Hints on the Growing of Bulbs," price 25 cts., or a copy will be sent free to customers who ask for it when ordering.

PRICES OF DAHLIAS IN QUANTITY

Sorts listed at 25 cts. each for \$2.50 per doz.; \$15.00 per 100.	Sorts listed at 50 cts. each for \$5.00 per doz.; \$40.00 per 100.
" " " 35 cts. " " 3.50 " " 25.00 " "	" " " 75 cts. " " 7.50 " " 60.00 " "
	" " " \$1.00 " " 10.00 " " 75.00 " "



CACTUS DAHLIA MARGUERITE BOUCHON

Marguerite Bouchon (Cactus). We first offered this variety in 1913, but due to an unusually strong demand we have not been able to catalogue it for several seasons past. We feel just as well pleased with this variety now as we did when it was first introduced, and we therefore repeat the description given of it in our Garden Book of 1913: "We have no hesitancy in saying that this is the most beautiful Cactus Dahlia yet introduced. It is absolutely perfect in form, color a charming shade of brilliant yet soft rose, with a very large white centre and distinctly defined white tips." \$1.00 each.

Mme. Coissard (Pæony). To us this is the most artistic and graceful Dahlia of this type yet introduced; its flowers are large, composed of incurving shell-like petals; these are of brilliant French purple or carmine-crimson, freely marked, shaded and suffused with white. \$1.00 each.

Mondscheibe (Pæony). An imposing, large-sized, Pæony-flowered soft yellow, held erect on good stiff stems, useful for cutting and valuable for garden decoration. 75 cts. each.

DREER'S COLLECTION OF TEN GREAT DAHLIAS

We have singled out these ten varieties from among the Cactus, Decorative and Pæony types as worthy of every Dahlia fancier's special attention. While some of these are comparatively recent introductions the majority are sorts which we have been growing for a number of years, but to which we have been unable to give the prominence which they deserved, due to the fact that they are either difficult or slow to propagate, and as a result the demand has exceeded the supply. We have now succeeded in working up a fair stock, and take this opportunity to bring them to your notice, feeling certain that everyone who plants them will, the same as we do, appreciate the great merit of each individual variety.

Bianca (Hybrid Cactus). Uniformly large flowers, 6 inches and over in diameter, with moderately broad petals forming a splendid symmetrical and graceful flower of a soft, pleasing shade of mauve-pink, passing to a silvery-white at the tips. Admired by everybody. 75 cts. each.

Bertha Von Suttner (Pæony). Good sized flowers produced early and continuously remaining of good quality to the end of the season, in color a pleasing salmon-pink with yellow suffusion. 50 cts. each.

Geisha (Pæony). Showy and attractive, unique in form and color; the rich colored flowers are original in form, consisting of peculiarly twisted and curled petals of an effective rich combination of scarlet and gold. 50 cts. each.

Kalif (Cactus). A truly majestic flower, frequently measuring over 9 inches in diameter, of perfect Cactus form, in color a pure scarlet. The habit of the plant is all that can be desired, growing with us about 4½ feet high; the gigantic flowers, which are produced very freely, are held erect on strong stiff stems, making it a most effective and useful variety for cutting as well as for garden decoration. \$1.00 each.

Oregon Beauty (Decorative). We doubt if there has been a single visitor to our Dahlia fields in the past three years who has not included this brilliant gorgeous variety in his selection. It has also been prominently displayed at all exhibitions, its rich color, an intense Oriental-red with golden sheen and garnet suffusion, makes it one of the varieties that stands out prominently among all of its neighbors. Add to this large size, long stiff stems, with an unusual freedom of bloom, makes it one of the most desirable garden varieties. 35 cts. each.

Princess Juliana (Decorative). An ideal pure white for all purposes. A splendid cut flower and a good decorator for the garden. It is one of the earliest to flower, and continues in good shape throughout the season. It holds its flowers well above the foliage on stiff, wiry stems. 50 cts. each.

Red Flamingo (Decorative). Very large, with broad wavy petals, forming a unique rich luminous crimson-red flower of unusual attractiveness. A splendid decorative free-flowering variety. 75 cts. each.

SPECIAL OFFER. One each of the above TEN GREAT DAHLIAS for \$6.00

CHOICE CACTUS DAHLIAS

We offer on this and the following three pages a complete alphabetical list of the best Cactus sorts of recent introduction together with the older well-tried gems which have made a reputation for themselves.

Acme. An early and free slightly incurved flower with high centre, long narrow petals, madder-crimson overlaid maroon. 50 cts. each.

Amity. Medium sized flowers, incurved form, bright garnet-red. 50 cts. each.

Andromaque. A fine flower of a soft reddish-salmon with rosy suffusion, a distinct and delicate blending. 25 cts. each.

Attraction. A beautiful hybrid-cactus that attracts the attention of everyone. The flowers measure over 6 inches in diameter, and are composed of gracefully arranged curled or twisted petals of a lively yet soft silvery lilac-rose with white suffusion. \$2.50 each.

Augenweide. A beautiful satiny carmine-rose, deepening to the centre; flowers of good cactus form. 35 cts. each.

Aurora. A beautiful reddish-apricot, suffused with flesh-pink, shading lighter to the tips. 75 cts. each.

Australian. A brilliant rich purple, with bright crimson suffusion. 50 cts. each.

Aviateur Garros. Light sulphur-yellow, shading almost to white at the tips of the broad pointed petals. Flowers of medium size and borne freely on strong stiff stems. One of the earliest flowering. 50 cts. each.

Bertha Gassman. Broad straight petals, very regularly arranged, forming a splendid medium-sized flower of a most pleasing shade of rosy-carmine. 50 cts. each.

Bianca. Described and offered on page 126.

Bouquet Rose. Dwarf, compact habit; each plant when in flower presents a bouquet-like appearance, covered with gracefully arranged medium-sized rose-colored flowers. 50 cts. each.



CACTUS DAHLIA ATTRACTION

Bruce. A fine shaped graceful flower composed of long narrow incurving petals of a pleasing yellow-salmon, shading to amber-yellow at the centre. 50 cts. each.

Candeur. A wonderful pure white, which in the fully developed flower more closely resembles an incurved Chrysanthemum than any other sort; a valuable cut flower. 25 cts. each.

Cavalier. Flowers of medium size, with long incurved petals of an intense rich crimson. 50 cts. each.

Comtesse Zia. Not a large flower, but of neat form and color; a bright pleasing violet-rose. 25 cts. each.

Conquest. A fine large crimson of splendid form. 50 cts. each.

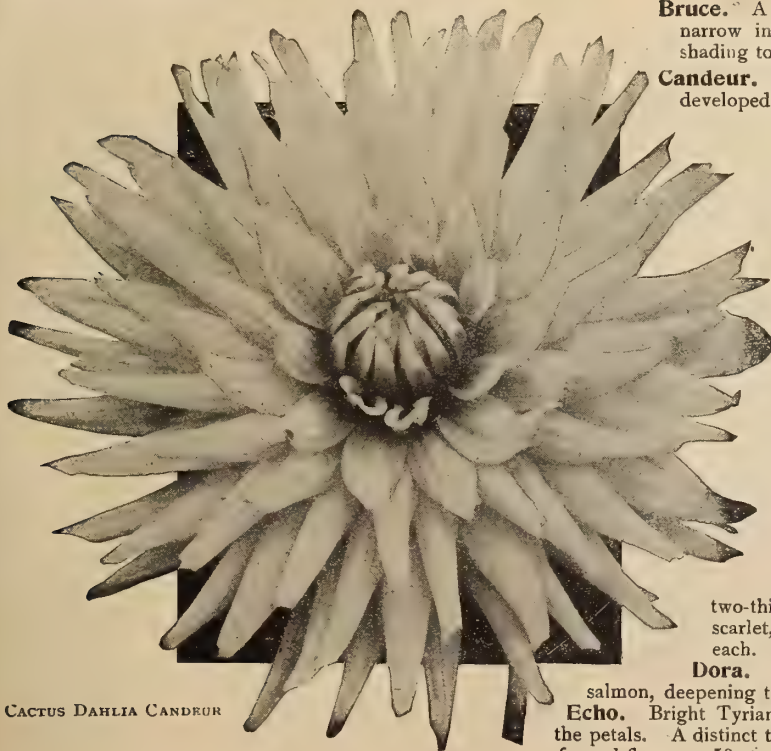
Countess of Lonsdale. A peculiar but pleasing blending of salmon-pink and amber, a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions. 35 cts. each.

Dibs. A bright shade of rose-pink; each petal tipped old-gold, varying greatly in color with changing weather conditions. 25 cts. each.

Dolly. A striking bicolor variety, about two-thirds the length of each petal being a crimson-scarlet, with the tip end pure white. 35 cts. each.

Dora. A fine large flower of luminous reddish-salmon, deepening to the centre, long petals. 50 cts. each.

Echo. Bright Tyrian-rose, passing to silvery-rose at the base of the petals. A distinct tone of color, large moderately incurved, well formed flowers. 50 cts. each.



CACTUS DAHLIA CANDEUR



Choice Cactus Dahlias

(Continued)

Edith Carter. A good-sized flower of unusual grace and refinement in form and color, which is a bright yellow delicately suffused with bright rosy-carmine. 75 cts. each.

Electric. A large sulphur-yellow with white tips, sometimes sports to a self color either white or yellow. 50 cts. each.

Else. Quite an old variety, but still one of the most charming, of a delicate combination of colors. The base of the petal is of a buttercup yellow, gradually passing to amber, finished with a tip of Tyrian-rose. 50 cts. each.

Esther. A well-shaped flower of a pleasing solferino-red; very free. 75 cts. each.

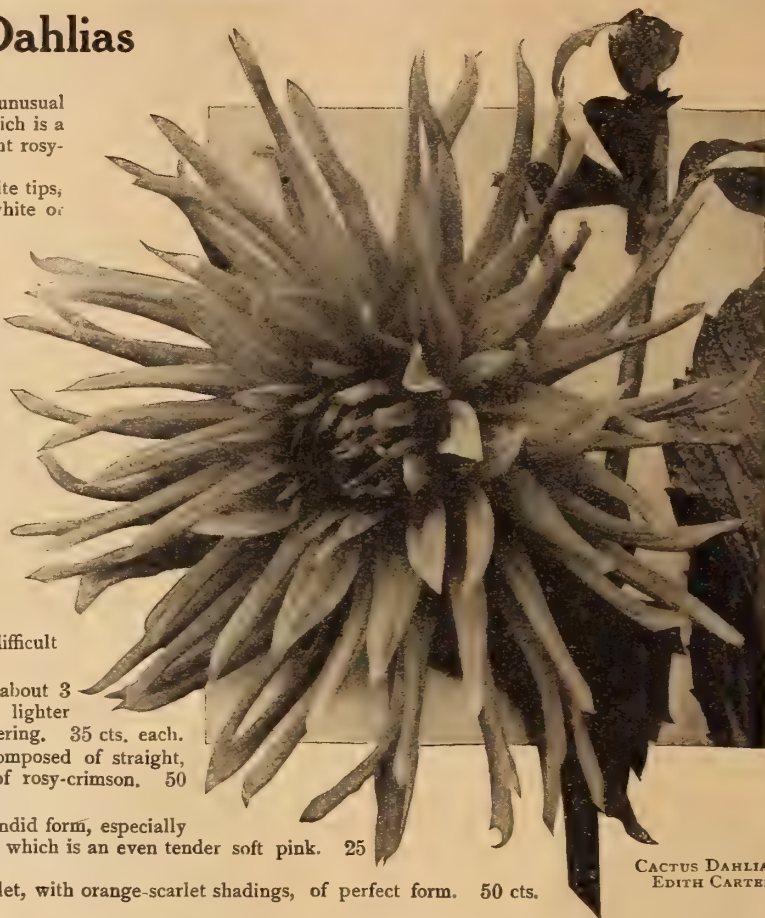
Etandard De Lyon. Everyone stops to admire this beautiful carmine rose giant, which we consider one of the finest varieties for garden decoration. The flowers are of a hybrid cactus type, distinct in shape from all others; the petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep, a very large flower, yet without any stiffness or formality; its color is a rich carmine-rose or Royal purple with a brilliant suffusion difficult to describe. \$1.00 each.

Etoile de France. A dainty little flower about 3 inches in diameter, of a soft rosy-lilac with lighter tips; good stems for cutting; very free-flowering. 35 cts. each.

Florrie Wells. Of very perfect shape, composed of straight, stiff petals of a peculiarly pleasing shade of rosy-crimson. 50 cts. each.

Galathea. A medium-sized flower of splendid form, especially appreciated on account of its delicate color, which is an even tender soft pink. 25 cts. each.

General J. B. Seth. A rich brilliant scarlet, with orange-scarlet shadings, of perfect form. 50 cts. each.



CACTUS DAHLIA
EDITH CARTER

Gina Campanina. Salmon-rose, with golden suffusion at the centre. 35 cts. each.

Golden Eagle. Splendidly incurved large flower of a pleasing golden-buff. 50 cts. each.

Golden Gate. A very large hybrid Cactus of a rich deep golden-yellow suffused and shaded fawn, lights up well under artificial light. Long stiff stems; very free. 50 cts. each.

Goldland. A splendid primrose-yellow, of perfect form and exceptionally free-flowering. 35 cts. each.

Goliath. Ground color yellow, suffused and tinted with reddish-salmon. 50 cts. each.

Grafin von Schimmelman. Large salmon-rose, shading to a yellow centre; long, narrow, incurved petals; very free. 50 cts. each.

Hildegard Kusell. Medium-sized flowers of good Cactus form of an effective salmon old-rose color. 50 cts. each.

Hirondelle. Very dwarf and free, flowers of medium size, with narrow incurving petals of a soft rosy-violet. 25 cts. each.

H. L. Brousson. Very narrow petals of great length and of slightly incurved form; white in the centre, passing to a rich rose and again white at the tips. 50 cts. each.

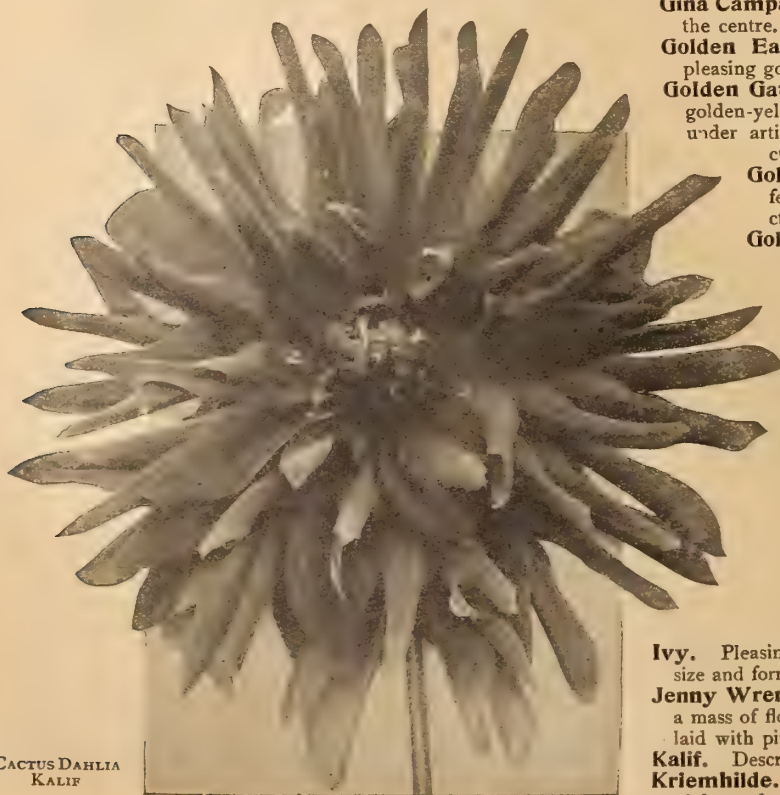
H. Wearing. Pure salmon passing to bright amber at the base of the petals, which are long, narrow and straight. 25 cts. each.

Ivy. Pleasing tone of soft pink, passing to white at tips; size and form good; very free. 25 cts. each.

Jenny Wren. One of the strong growing varieties, producing a mass of flowers of good medium size; color yellow, overlaid with pink. 35 cts. each.

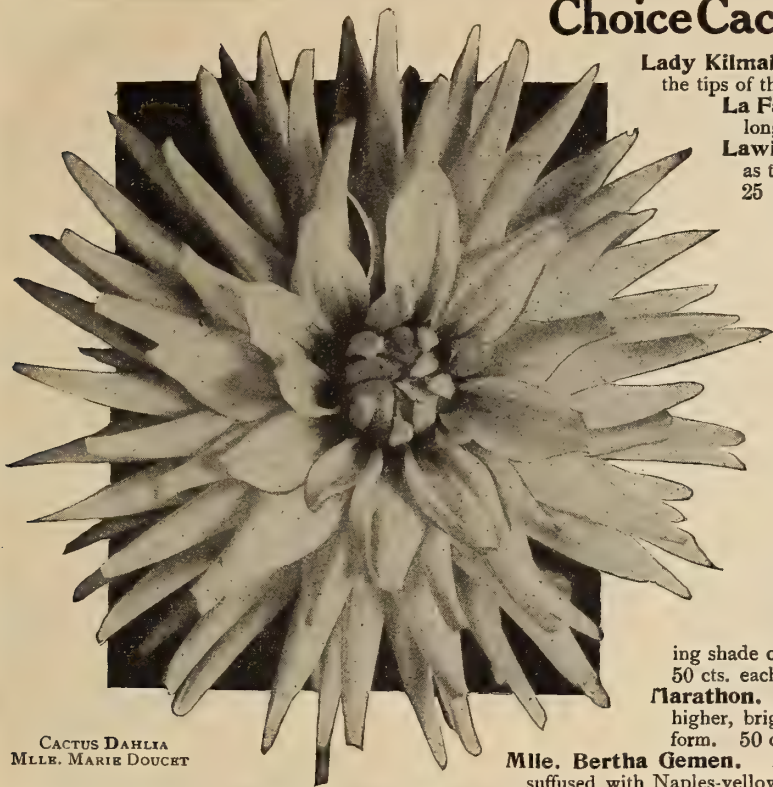
Kalif. Described and offered on page 126.

Kriemhilde. Perfect flowers on long stems, color a brilliant pink, gradually shading to white at the centre. 25 cts. each.



CACTUS DAHLIA
KALIF

Choice Cactus Dahlias—(Continued)

CACTUS DAHLIA
MLLE. MARIE DOUCET

Lady Kilmaine. Salmon pink, shading deeper towards the tips of the petals. 25 cts. each.

La Favorite. Deep luminous salmon-rose with long tubular petals. 35 cts. each.

Lawine. White, with just a suggestion of blush as the flower matures a fine, full, large flower. 25 cts. each.

Libellule. Of splendid form, sulphur-yellow shaded with capucine-red; exceptionally free-flowering. 25 cts. each.

Liegnitz. A broad petaled hybrid cactus of large size and of a distinct deep shade of cerise. 50 cts. each.

Lord Minto. Very symmetrical flowers with long quilled petals, which are cleft at the tips; color centre pale yellow, passing to a soft rosy-salmon at the ends of the petals. 25 cts. each.

Louis Chauvet. A fancy variety with rather broad petals, the outer ones white edged crimson-carmine, the centre petals a luminous carmine edged garnet. 50 cts. each.

Marguerite Bouchon. Described on page 126.

Mauve Queen. A dainty variety, composed of long tubular petals of a pleasing shade of mauve-pink, passing to a lighter centre. 50 cts. each.

Marathon. A brilliant rich purple, illuminated with higher, brighter shadings; entirely distinct in color and form. 50 cts. each.

Mlle. Bertha Gemen. A splendid flower of a rosy-currant-red, suffused with Naples-yellow. 25 cts. each.

Mlle. Marie Doucet. One of the freest-flowering; a lovely mauve-pink, passing to a white centre; of goodsize with fine stems. 50 cts. each.

Mme Marc Michell. A dainty flower of tender rose, shading to white at centre. 25 cts. each.

Mr. Gillet. A brilliant and superb orange-scarlet, of splendid habit, holding its flowers well above the foliage; a fine cut flower and excellent for garden decoration. 50 cts. each.

Mrs. Brandt. Large salmon-buff, blending to golden-yellow at centre. 50 cts. each.

Mrs. Clinton. Very free flowering, deep amber gradually passing to a rosy-scarlet. 35 cts. each.

Mrs. George Caselton. Free flowering velvety maroon, with narrow quilled petals. 25 cts. each.

Mrs. George Stevenson. A bright yellow, with large perfect flowers on long stems. 25 cts. each.

Mrs. J. C. Vaughan. A broad petaled Hybrid Cactus of a lively lemon-yellow, with flowers of large size on good stiff stems; very free flowering. 50 cts. each.

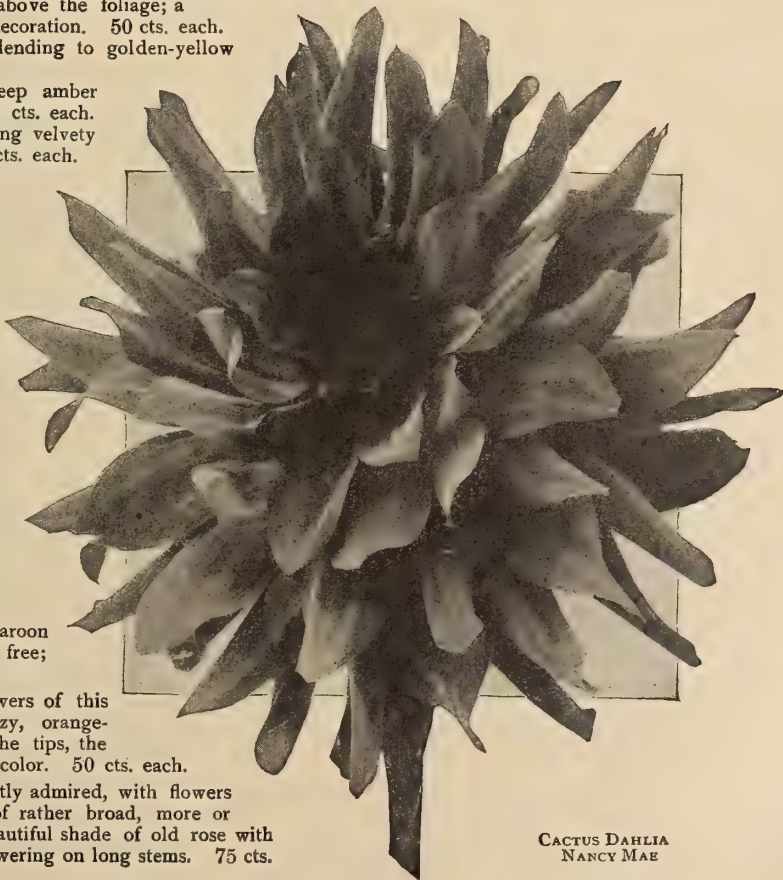
Mrs. J. Emberson. A distinct fancy with large incurved flowers of a pale lemon, splashed with rosy-pink. 50 cts. each.

Mrs. Warnaar. A splendid exhibition variety of a creamy-white, with just a faint apple-blossom suffusion; flowers of gigantic size, over 8 inches in diameter and on strong, stiff stems; petals long and peculiarly twisted and curled. A variety which we unhesitatingly recommend as a novelty of unusual merit. \$2.50 each.

Nancy Mae. An intense scarlet with maroon shadings; flowers absolutely perfect, very free; an ideal cut flower. 50 cts. each.

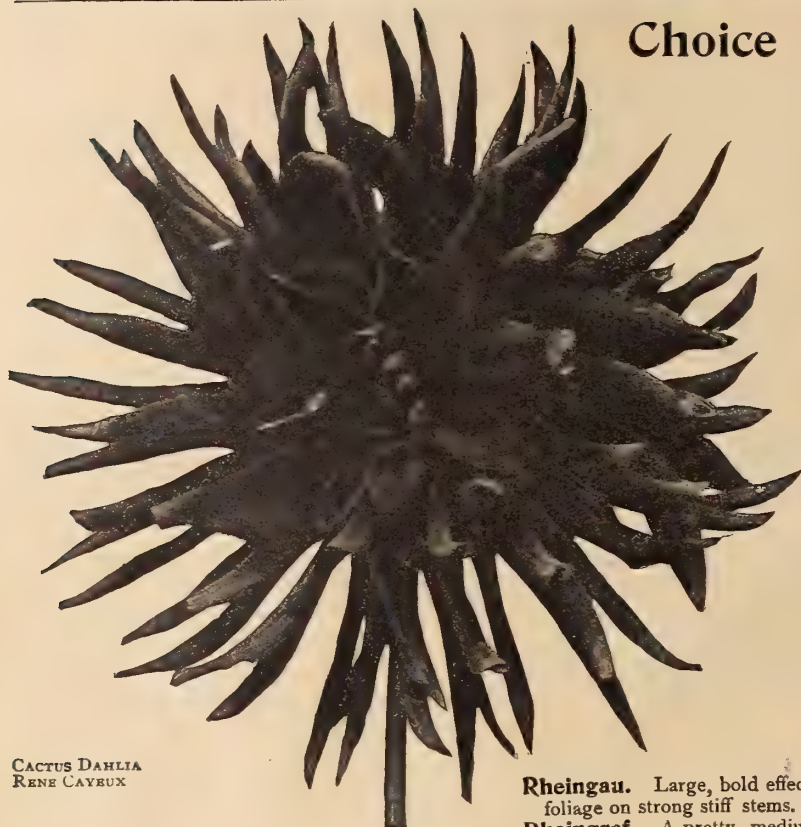
Northus. The centre of the large flowers of this fine variety are a rich, glowing, bronzy, orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing golden color. 50 cts. each.

Nibelungenhort. This is always greatly admired, with flowers from 7 to 8 inches across, composed of rather broad, more or less, curled and twisted petals of a beautiful shade of old rose with golden-apricot suffusion. Very free flowering on long stems. 75 cts. each.

CACTUS DAHLIA
NANCY MAE

Choice Cactus Dahlias

(Continued)

CACTUS DAHLIA
RENE CAYEUX

Penelope. A splendid salmon-rose, occasionally showing the tips of petals white, a variety of extra merit. 50 cts. each.

Pierrot. A unique and striking novelty in color, and of unusual grace and refinement in form, being composed of very long, tubular narrow petals, which are of a deep amber color, usually showing white tips, but even when it comes of a self color without these tips it possesses an individual refinement different from all other sorts. A wonderful exhibition flower and a splendid garden variety. \$1.00 each.

Pompeii. A magnificent variety; pompeian-red with white halo and tips. 50 cts. each.

Prima Donna. Flowers large, with long, twisted petals, centre ones creamy white, outer delicate mauve-pink. 50 cts. each.

Princess Alice De Monaco. A beautiful well-formed flower with narrow tubular incurved petals of old rose, illuminated with a golden suffusion which gradually passes to an amber-yellow centre. 50 cts. each.

Rene Cayeux. Brilliant geranium-red; early and free; a great favorite. 25 cts. each.

Rheingau. Large, bold effective brilliant scarlet raised well above the foliage on strong stiff stems. 50 cts. each.

Rheingraf. A pretty, medium-sized flower of a tender mauve-pink that develops its flowers in sprays, a number of them expanding on the same branch at one time. 50 cts. each.

Rheinkoenig. An ideal white variety, with flowers over five inches in diameter, of splendid form, and borne on long stiff stems held well above the foliage, of great substance, lasting well when cut. 35 cts. each.

Rosennymphe. A broad petalled hybrid cactus variety reminding one in form of a Water Lily, in color a delicate flesh, shading to a rosy white. 50 cts. each.

Serenade. A dainty pleasing flower, a soft blending of rosy carmine and mauve passing to soft-tinted white at the centre. 50 cts. each.

Sherlock. Orange scarlet with apricot suffusion, one of the pleasing autumn tints; flowers large on good stems for cutting. 50 cts. each.

Sonnengold. An excellent garden variety, producing its flowers in greatest profusion, very effective with broad petals of a rich luminous golden-yellow. 50 cts. each.

Success. A beautiful incurved pure yellow, with long twisted petals. 35 cts. each.

The Warrior. A pretty medium-sized luminous solferino-red with salmon suffusion. 25 cts. each.

Thos. Obelin. A brilliant fiery-red, of perfect incurved form, produced in greatest profusion. 25 cts. each.

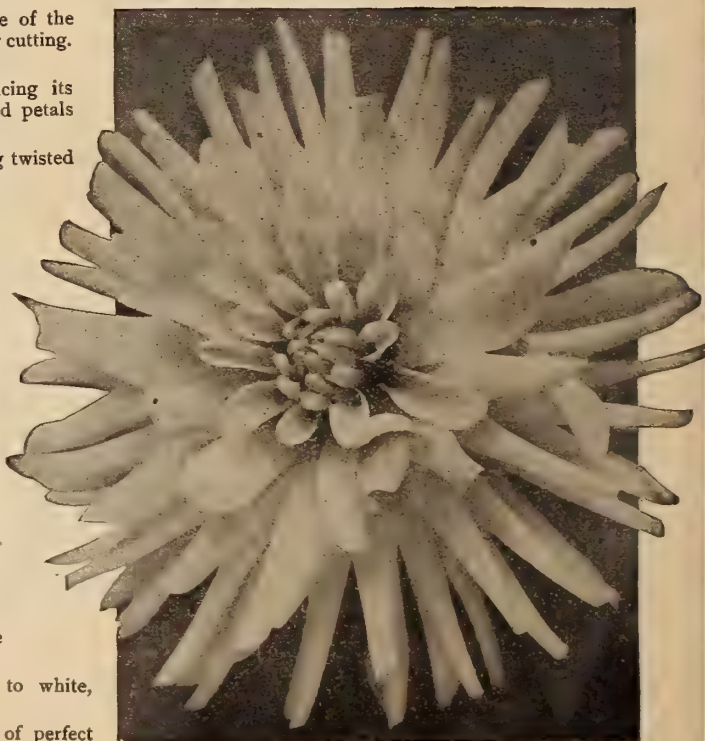
Ulysse. A variety that is admired by all on account of its color which is an appealing combination of salmony-rose with glowing golden suffusion. Its petals are broad, curling at the tips, forming flowers of excellent quality. \$1.00 each.

Vater Rhein. Flowers frequently 7 inches in diameter, raised well above the foliage on stout stems; the petals are broad, curled and twisted, forming an ideal flower, the color of which is yellow, suffused with salmon-rose; a beautiful, attractive and imposing flower. 50 cts. each.

Wodan. Bold, large, but not coarse flower, frequently 7 inches in diameter; a graceful arrangement of semi-incurved tubular petals of a pleasing, delicate salmon-rose color, shading to old-gold in the centre. 50 cts. each.

Wunderkind. Luminous canary-yellow, shading to white, suffused with flesh at the edges. 50 cts. each.

Yellow King. Very free flowering canary-yellow, of perfect form, a decided acquisition. 75 cts. each.



CACTUS DAHLIA, RHEINKOENIG

PÆONY-FLOWERED DAHLIAS

This beautiful type is now very popular. The artistic flowers are very large, and are best compared to the semi-double Pæonies in general form. They all flower very freely and are borne on long, strong stems, making excellent material for cutting, as well as for garden decoration. The varieties offered include the best of the standard sorts as well as the latest introductions.

America. A beautiful Dahlia; pure shrimp-pink with golden suffusion; habit ideal; very free-flowering. 50 cts. each.

Andrew Carnegie. A fine lively rose-pink. 35 cts. each.

Berch von Heemstede. Primrose-yellow with rich golden sheen; flowers of medium size; very free. 50 cts. each.

Bertha von Suttner. Described and offered on page 126.

Bloemhove. A splendid exceptionally free-flowering pleasing shade of lilac-rose. 50 cts. each.

Britannia. A most pleasing shade of deep rosy lilac of very large size. 50 cts. each.

Caecilia. Very large; early in the season a lemon-yellow, but as the season advances, a creamy white with yellow sheen in the centre. 50 cts. each.

Cæsar. A splendid free-flowering canary-yellow. 50 cts. each.

Chatenay. A splendid flower on long, stiff stems, of a soft carmine-rose shaded crimson. 35 cts. each.

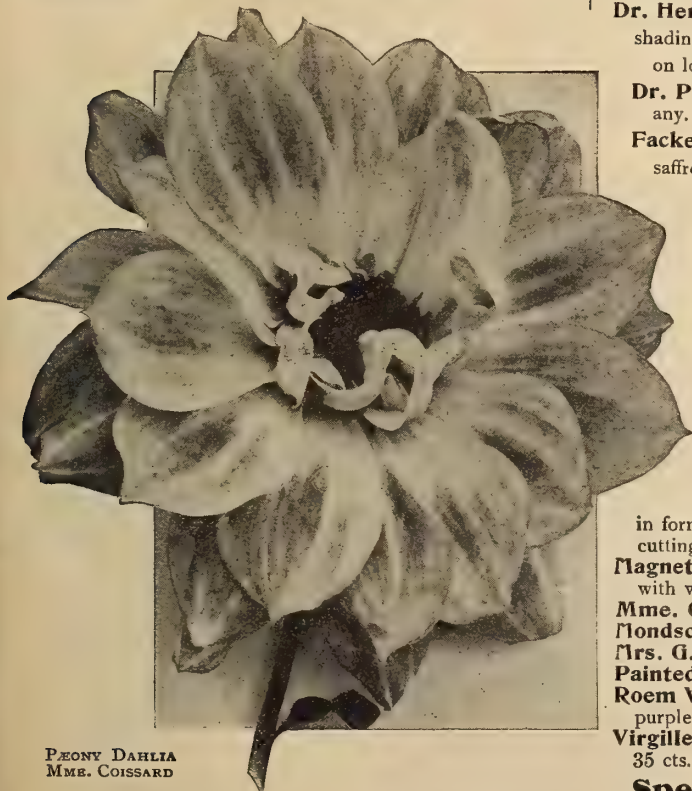
Chevrefeuille. Base of petals yellow, gradually passing to apricot and rose, with citron-yellow points. 35 cts. each.

Colonel Cody. Deep apricot-buff with salmon-pink shadings. 50 cts. each.

Comte de la Vaule. A large-flowered, free and showy garden variety of a rich carmine. 50 cts. each.



PÆONY-FLOWERED DAHLIA
GEISHA



PÆONY DAHLIA
MME. COISSARD

Diernant van Rystein. Of perfect Pæony form, flowers large, of a delicate silvery mauve-pink; a splendid Dahlia in every way. 75 cts. each.

Dr. Henry Sewall. Very distinct, a pink fawn with amber shadings at the base of the petals; a large, handsome flower on long stems. 50 cts. each.

Dr. Peary. One of the darkest, a brilliant reddish-mahogany. 35 cts. each.

Fackel. Rich coral-red with golden suffusion passing to saffron-yellow at the edges; an attractive, lively flower on good stems and produced in profusion. 50 cts. each.

Fritzmann. A brilliant geranium-red, and frequently producing flowers which are variegated white. 25 cts. each.

Geisha. Described and offered on page 126.

Hortulanus Budde. Very free-flowering; rich rosy-scarlet. 50 cts. each.

Hampton Court. One of the best; a bold flower of good form, of a bright mauve-pink. 35 cts. each.

John Wanamaker. Very free-flowering with broad, peculiarly curled and twisted petals of a pleasing shade of violet-mauve. 50 cts. each.

Leo. XIII. A deep canary-yellow, entirely distinct in form; large, very free-flowering, and a valuable sort for cutting. 75 cts. each.

Magnet. Free-flowering, carmine-rose suffused and marked with white. 50 cts. each.

Mme. Coissard. Described and offered on page 126.

Plondscheibe. Described and offered on page 126.

Mrs. G. Gordon. A good large lemon-yellow. 50 cts. each.

Painted Lady. Free-flowering, pale rose. 25 cts. each.

Roem Van Nijkerk. A distinct and desirable deep claret-purple; very free-flowering. 50 cts. each.

Virgillea. Medium-sized good flowers; rich geranium-red. 35 cts. each.

Special Offer

We will supply one each of the 29 Pæony-flowered sorts offered above for \$12.00.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Select Decorative Dahlias

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted; but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large perfectly formed blooms on long, stiff stems, and standing in good condition longer than most kinds; furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions; a combination which assures their continued popularity.

Auguste Nonin. A very large flower of fiery red; valuable for cutting or garden decoration. 35 cts. each.

Ayesha. A soft pure yellow, very large perfectly formed flowers on long, stiff stems, early and free. 50 cts. each.

Cream of the Valley. Creamy pink shading to a crimson tip, very large. 25 cts. each.

Crown of Gold. A brilliant glowing Chinese-orange with golden suffusion. 50 cts. each.

Delice. The most popular pink variety. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting or decorative sorts in the garden. 35 cts. each.

Easton. Not extra large, but a variety of brilliant color, good form and remarkable free-flowering habit; in color a brilliant Turkish red. 25 cts. each.

Eventide. A splendid flower of perfect form and large size, on long, stiff stems and which for all purposes may be termed a white Dahlia, there being but a faint flush of delicate rose on the edge of the flower. 50 cts. each.

DECORATIVE
DAHLIA
GUILLAUME DE
ST. VICTOR



Flamingo. As a cut flower this ranks with Delice, the flowers are of a rich and glowing rose-pink, while it frequently shows an open centre; this does not detract from its beauty. 50 cts. each.

F. L. Bassett. Carmine-purple, shading deeper at centre. 25 cts. each.

Gaiety. A good variegated or fancy variety; in color a bright strawberry-red, each petal having a broad band of white through the centre. 35 cts. each.

Guillaume de St. Victor. A large, nicely finished flower of an ivory-white, with just a touch of delicate mauve suffusion as the flower develops; very good. 25 cts. each.

Hortulanus Fiet. A colossal flower of the most delicate shade of shrimp-pink. The entire flower has a suffusion of delicate tints of red and gold, which gives a glow of great charm. 75 cts. each.

Hortulanus Witte. A very large free-flowering, pure white; a splendid cut flower and exhibition variety. 50 cts. each.

Jack Rose. Brilliant crimson-red, similar in shade to the popular "Jack" Rose; perfect for garden decoration and cutting. 25 cts. each.

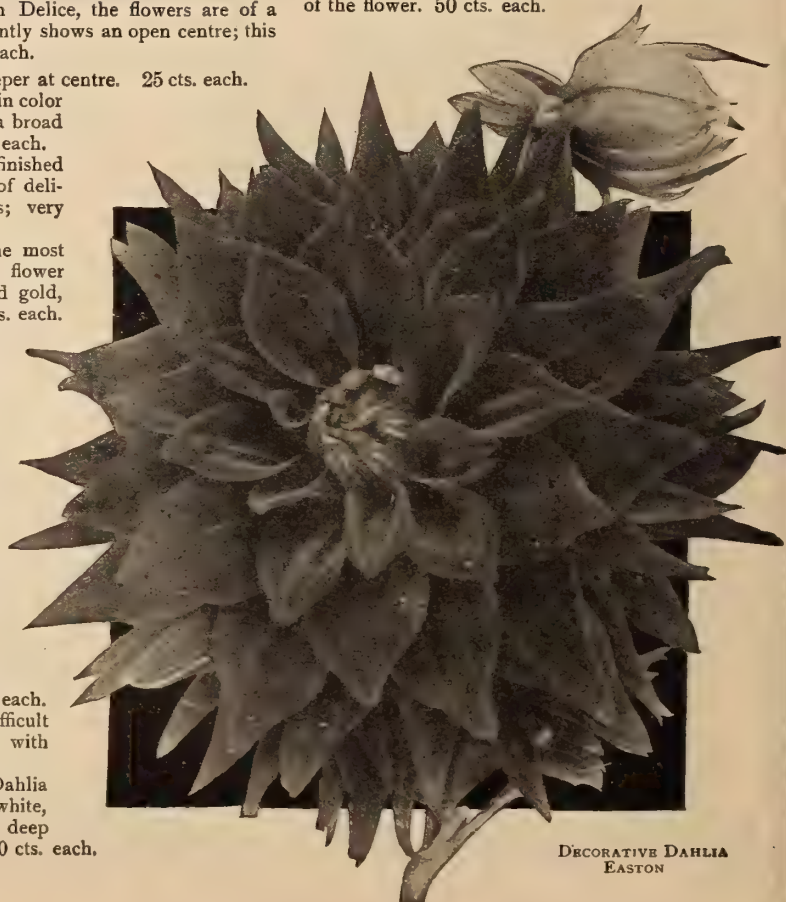
Jeanne Charmet. A splendid cut flower variety of a pleasing shade of violet-rose on a lighter ground. 50 cts. each.

Jean Wood. Probably a seedling of Mme. Vanden Daele; a delicate, silvery-rose, but a much shapelier flower than its parent, being of true decorative form. 50 cts. each.

J. M. Goodrich. A large free-flowering variety and entirely distinct, it being a beautiful salmon-pink with each petal effectively tipped with primrose-yellow. 50 cts. each.

Kupferberg Gold. A beautiful Dahlia difficult to describe, a pretty shade of shrimp-pink with old rose and gold suffusion. 75 cts. each.

Le Grand Manitou. The best variegated Dahlia of the decorative type. The ground color white, prettily spotted, striped and blotched with deep reddish-violet; occasionally self-colored. 50 cts. each.



DECORATIVE DAHLIA
EASTON

Select Decorative Dahlias—(Continued)

Lyndhurst. Brilliant cardinal-red. A fine cut flower. 25 cts. each.

Manzanola. Brilliant oriental-red with deeper shadings; a fine shaped flower with good stem, very free [and ideal] for cutting. 25 cts. each.

Mina Burtle. This is the popular California variety. We have been growing it for five years, and consider it one of the best in our collection, it being with us one of the freest flowering decorative varieties; thirty large, perfect, open flowers on one plant at a time being not unusual; in color it is a rich luminous dark scarlet, on long stiff stems, splendid both for cutting and garden decoration. 50 cts. each.

Miss Minnie McCullough. One of the most popular cut-flower varieties now grown, particularly valuable for use under artificial light. Color soft yellow, overlaid with bronze; a beautiful autumnal tint. 25 cts. each.

Mme. van den Daele. A charming soft rose with deeper markings, shading to white in the centre; a beautiful sort for cutting. 35 cts. each.

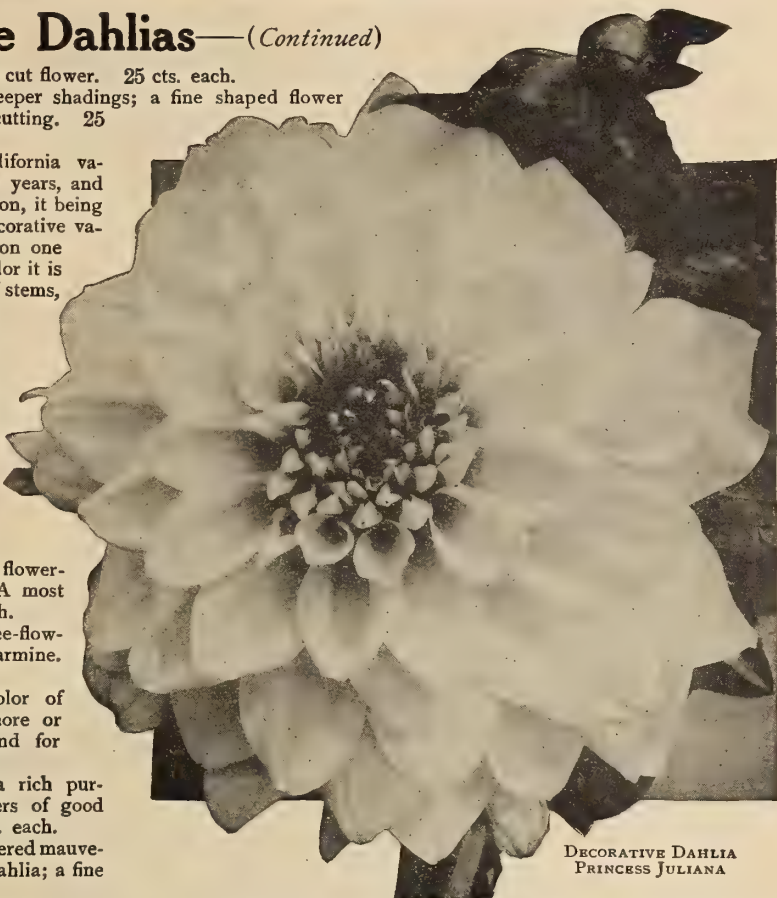
Mont Blanc. An early, free, continuous flowering creamy-white on good stiff stems. A most important cut-flower variety. 25 cts. each.

Mrs. Charles Breck. A beautiful, free-flowering soft yellow deeply suffused with carmine. 75 cts. each.

Mrs. Charles L. Seybold. Ground color of crimson-carmine, each petal tipped and more or less marked with white; fine for cutting and for garden decoration 35 cts. each.

Mrs. Furbush. The best dark variety, a rich purplish-garnet with maroon shadings; flowers of good size and form, on stiff, wiry stems. 35 cts. each.

Mrs. J. Gardner Cassatt. A large-flowered mauve-pink of a shade that is very pleasing in a Dahlia; a fine cut flower. 25 cts. each.



DECORATIVE DAHLIA
PRINCESS JULIANA

Mrs. Roosevelt. Of immense size and remarkably free-flowering; color a delicate silvery-rose, is very attractive when cut. 50 cts. each.

Newport. Tender mauve with deeper shadings in the centre, gradually passing to blush-white at the tips. 35 cts. each.

Orange King. Rich, orange-scarlet. 25 cts. each.

Oregon Beauty. Described on page 126.

Ouray. Rich deep velvety maroon of good form; very free flowering. 50 cts. each.

Perle de Lyon. A most valuable white Decorative Dahlia, and one of the best whites of any class for cut-flower purposes; its flowers are of good size, and held erect on long, stiff, wiry stems. 25 cts. each.

Princess Juliana. Offered on page 126.

Red Flamingo. Offered on page 126.

Souvenir de Gustave Doazon. Of mammoth proportions, which, under ordinary cultivation, will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is of free growth and pure red in color. 25 cts. each.

Sylvia. Soft, pleasing mauve-pink, gradually changing to white in the centre; a fine cut flower. 25 cts. each.

William Agnew. Rich, dazzling carmine-red. 25 cts. each.

Wilmore's Masterpiece. Honey-yellow, overlaid and suffused with golden-rose; a fine flower. 50 cts. each.

Yellow Colosse. Flowers of very large size, of perfect form; pure primrose-yellow. 50 cts. each.

Zeppelin. A pleasing soft shade of violet-mauve with silvery suffusion; flowers of medium size and very free-flowering. 35 cts. each.



DECORATIVE DAHLIA MINNIE BURTLE

Special Offer. One each of the 43 Decorative sorts for \$15.00.

Dreer's Choice Show and Fancy Dahlias

This is the old-fashioned densely double type which will always have many admirers; they are very free, early and continuous bloomers and are splendid for cutting.

A. D. Livoni. A splendid clear pink, beautifully quilled, of perfect form and very free-flowering. 25 cts. each.

American Beauty. One of the very best large shows of a brilliant crimson-red with French-purple suffusion, a rich glowing color, the flowers are produced abundantly on long stiff wiry stems. 50 cts. each.

Arabella. Light sulphur-yellow, shaded peach-blossom on edges; a fine flower. 25 cts. each.

Caleb Powers. Delicate soft shell-pink of splendid form; remarkably free-flowering, long stems; fine for cutting. 50 cts. each.

Chameleon. Flesh-colored centre, shading to crushed-strawberry, with yellowish blending. 35 cts. each.

Cuban Giant. Very large ball shaped flowers of a bright maroon; free and early. 35 cts. each.

David Warfield. A variety that we can highly recommend; a Dahlia of exceptional good free-flowering habit, producing its large cherry-red flowers on long wiry stems well above the foliage. 75 cts. each.

Dee-lighted. A very large pure white produced early and freely. 50 cts. each.

Dorothy Peacock. Large perfect shaped flowers of a bright sea-shell pink color very early, free and continuous blooming. 25 cts. each.

Dreer's White. Introduced by us in 1909. In color a pure glistening white, resembling in form Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in all parts of the country, has been much admired at the exhibitions where shown, and has in most cases been awarded the premier prize as the finest white show variety. 50 cts. each.

Dreer's Yellow. The best yellow show Dahlia yet sent out. It is a good grower, an early and profuse bloomer. In general form and make-up the flowers resemble Dreer's White, but they are larger; frequently over seven inches in diameter, yet without any coarseness, it having a refined appearance at all stages of development. The flowers when fully matured are perfect balls in shape, and are held rigid and erect on long, stiff stems, making it an ideal cut flower, and equally as valuable for garden decoration. 50 cts. each.

Emily. Solferino with white markings; very large and free-flowering. 25 cts. each.

Galvanic. Very free-flowering solferino-red with deeper suffusion, flowers of perfect form. 25 cts. each.

Gold Medal. This is without question the finest fancy Dahlia that has ever been produced. It is not a new variety, but it is only rarely that we have a sufficient supply to enable us to offer it. It is an early continuous bloomer; the flowers are perfect to the end of the season; in color a bright Dandelion yellow, beautifully streaked and splashed with Oriental red. 50 cts. each.

Imperial. A good shaped, free-flowering rich deep purple. 25 cts. each.

Merlin. A splendid free-flowering orange-scarlet. 25 cts. each.

Miss Browning. A perfectly formed flower, canary-yellow, sometimes showing a white tip. 25 cts. each.

Mrs. Jefford. A fine large primrose-yellow of perfect form. 35 cts. each.

Peeress. Buttercup-yellow with heavy tip of fiery red. 25 cts. each.

Pink Grand Duke. A seedling from Grand Duke Alexis of an even, soft pearly-pink color. 50 cts. each.

Princess Victoria. Primrose-yellow; never produces an imperfect flower; in bloom early and late; long stiff stems; fine for cutting. 25 cts. each.

Professor Mansfield. Rich yellow; clear white tips and rosy-red towards the centre. Like all fancy varieties the color is very variable. 25 cts. each.

Red Hussar. Pure cardinal-red. 25 cts. each.

Robert Broomfield. A good pure white double flower; very free. 25 cts. each.

Stradella. Beautiful deep purple crimson; exceptionally free-flowering on long wiry stems. 25 cts. each.

Susan. Delicate soft shell-pink, early and free-flowering. 25 cts. each.

Vivian. White, edged and tipped rose-violet; a fine large flower. 25 cts. each.

W. W. Rawson. An exceptionally fine shaped, massive, large double flower, produced on long stems; color pure white, delicately overlaid with mauve. 50 cts. each.

White Swan. Reliable pure white. 25 cts. each.

Yellow Duke. A splendid primrose-yellow of good form. 25 cts. each.



SHOW DAHLIA
AMERICAN BEAUTY

SPECIAL OFFER. One each of the above 30 Show and Fancy sorts for \$9.00.

Collerette Dahlias

Anyone only familiar with the early introductions of this type can form no idea of the beautiful artistic blending of soft and rich colors which is found in most of the newer sorts. All have single flowers with an additional row of short petals around the disc, forming a frill or collar, which is usually of a different color from the rest of the flower.

Balmoral. Deep aniline-red shaded purple, with long narrow white collar petals.

Carl Bechstedt. Brilliant oriental red with yellow collar.

Dainty. Soft rose, deepening to carmine centre, lemon-yellow collar.

Diadem. Very large brilliant carmine-rose, collar white with light carmine markings.

Exposition de Lyon. Bright garnet, yellow collar.

Fairy Queen. Light clear yellow with white collar.

F. Annie Louise. Deep carmine-red with lighter shading, collar carmine marked white.

Harmony. Primrose yellow marked soft purple, collar yellow.

Maurice Rivoire. Ox-blood red and white-fringed collar.

Mme. Capron. Brilliant reddish-purple, collar striped white.

Mme. Gyax. Bright cochineal-red, primrose-yellow collar.

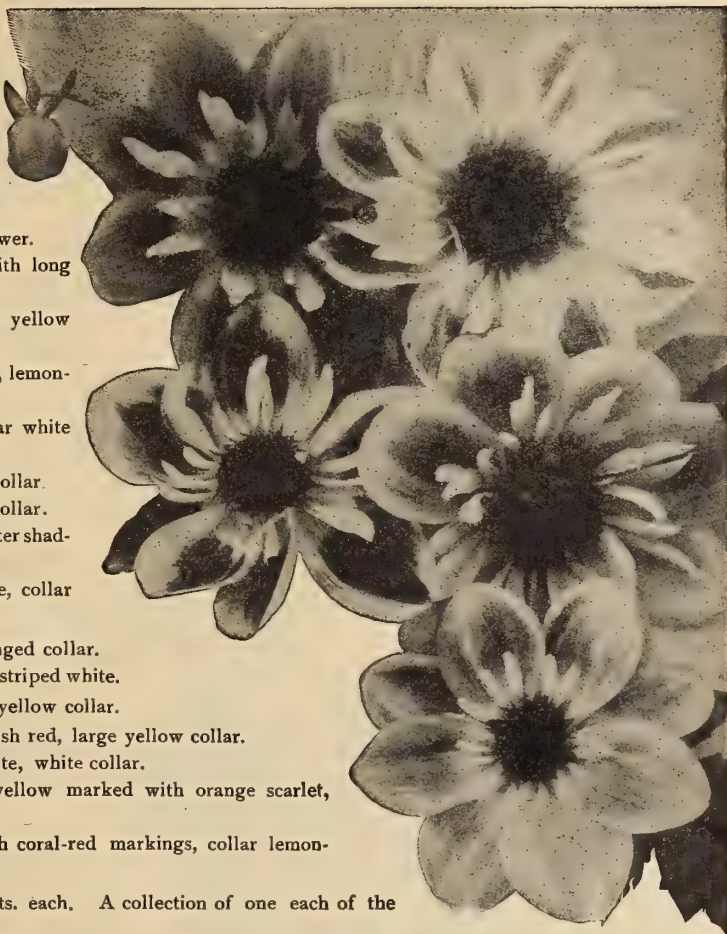
Princess Charlotte. Very large flower, Turkish red, large yellow collar.

Rosette. Giant size, velvety cerise suffused white, white collar.

Signorina Rosa Esengrini. Bright lemon-yellow marked with orange scarlet, collar bright lemon-yellow.

Souvenir de Chabanne. Lemon-yellow with coral-red markings, collar lemon-yellow tipped white.

Price. Any of the above choice varieties, 25 cts. each. A collection of one each of the 15 sorts for \$3.00.



GROUP OF COLLERETTE DAHLIAS

Double Pompon Dahlias

While the Pompon varieties are not as extensively grown as the other double types they still have many admirers, their dainty little flowers are produced very freely.

Amber Queen. Rich, clear amber shaded apricot.

Annie Doncaster. Light yellow, base suffused with pearly pink.

Arthur Kerley. Purplish crimson very free.

Bobby. Plum color. One of the best.

Catherine. Well-formed primrose yellow.

Darkness. Deep velvety-maroon.

Fascination. Pink and lavender blotched white.

Helene Lambert. A splendid free-flowering yellow of perfect shape.

Indian Chief. Crimson, very free.

Kleine Domitea. Orange buff, always in flower.

Little Bessie. Creamy-white, closely quilled.

Prince Charming. Cream heavily tipped purple.

Salamander. Golden yellow, tipped orange red.

Snowclad. A fine pure white.

Sunbeam. A fine crimson.

Ware's Mars. Beautiful deep red of fine form.



DOUBLE POMPON DAHLIAS

Price. Any of the above, 25 cts. each; \$2.50 per doz. Collection of one each of the 16 Pompon Dahlias for \$3.00.

If you want something Extra Choice get the Ten Great Dahlias offered on page 126



SINGLE DAHLIA SNOWFLAKE

New Century Single Dahlias

This giant flowering type of Single Dahlias are now very popular both for garden decoration and for cutting.

Anna Long. A beautiful pink with silvery-white suffusion, one of the best. 25 cts. each.

Bessie Clark (*Duplex Century*). Early in the season a pretty mauve pink; this, as the season advances, deepens towards the edges and lightens at the centre, which becomes surrounded by a golden suffused halo. 35 cts. each.

Eckford Century. A pure white, beautifully spotted and pencilled with crimson. 35 cts. each.

Golden Century. A splendid large primrose-yellow. 35 cts. each.

Jack. Brilliant fiery scarlet, the base of the petals overlaid with golden-yellow; the freest flowering Dahlia grown. 25 cts. each.

Hazel Heiter. Bright crimson-carmine with deeper shadings, base of petals canary-yellow. 25 cts. each.

Poinsettia. The name of this variety was suggested by its color and form, which reminds one of the brilliant scarlet Poinsettia which is so extensively grown as a Christmas flower. 35 cts. each.

Rose-Pink Century. Flowers 6 inches and over in diameter, of a clear rose-pink color; a strong grower with long, stiff stems; fine for cutting. 25 cts. each.

Scarlet Century. Brilliant scarlet, golden disc. 35 cts. each.

Twentieth Century. Early in the season an intense rosy-crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white suffused with soft pink. 25 cts. each.

Wildfire Century. Brilliant cochineal-red with orange-scarlet suffusion, habit dwarf and free. 25 cts. each.

Special Offer. One each of the above 11 varieties for \$3.00.

Select Single Dahlias

All the single Dahlias flower very profusely from early in the summer until cut by frost, and furnish an abundance of choice artistic blooms for cutting and decorative work. On this page we also offer the New Century type of singles which have flowers from $4\frac{1}{2}$ to 6 inches in diameter.

Ami Barrillet. Brilliant rich garnet. 25 cts. each.

Gaillardia. Golden-yellow, with a broad band of red around the golden disc. 25 cts. each.

Snowflake. Very free-flowering, pure white. The finest white yet introduced. (See cut.) 35 cts. each

Wildfire. Brilliant poppy-scarlet of large size. 25 cts. each.

One each of the above 4 Single Dahlias for \$1.00.

We call special attention to our offer of

TEN GREAT DAHLIAS

Described and offered on page 126. They are all varieties of highest grade, and are really worth while in any garden where quality is appreciated.



TWENTIETH CENTURY DAHLIA

DREER'S SELECT GLADIOLUS

(SWORD LILY)

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower.

In cutting Gladiolus for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way a spike will last a week or ten days, and as a rule the colors are more refined when developed in the house. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixture and in named sorts.

For complete cultural directions see our new book, Hints on the Growing of Bulbs. Price 25 cts., or free to customers who ask for it when ordering.

Superb New and Rare Gladiolus

The twelve sorts offered below are all extra high grade and will be a real surprise to those who are only familiar with the old varieties.

Charlemagne. A French introduction of the Giant type, with very large, open flowers on massive spikes; color described by introducer as sunrise red, flaked darker, and marked with large creamy-white blotches, densely dotted with purple-carmine. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Deuil de Carnot. A superb velvety crimson-maroon, shaded with black; the richest colored of all. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Etendard. One of the choicest introductions of the famous French Hybridizer, Lemoine, with immense orchid-like flowers four inches and over across. Upper petals rich cream-tinted rose, lower petals marked with large fiery-red blotches, clearly margined with bright yellow. An exceedingly rich color combination. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Eucharis. Large well-opened flowers on long spikes, of a delicate blush-white blotched slightly deeper; a charming, dainty coloring. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Eugene Lefebvre. Another of Lemoine's newer giant varieties, beautifully formed flowers of bright pink, throat spotted and dotted with purplish amaranth and cream. 30 cts. each; \$3.00 per doz.

Europa. This magnificent European variety has been on the market for several years, but is still scarce. It is considered by many experts to be the best pure white yet introduced, having the finest spikes, the best individual flowers, and the purest in its snowy whiteness. 20 cts. each; \$2.00 per doz.

Heliotrope. Fine large flowers of velvety bishop's violet, shaded with pansy-purple; rich and novel. 25 cts. each; \$2.50 per doz.

Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmon-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.



GLADIOLUS MRS. FRANK PENDLETON

La Couronne. A new and beautiful French variety with flowers of largest size, of a creamy-white, the throat blotched with dark maroon bordered with pale yellow; one of the most attractive of the recent introductions. 30 cts. each; \$3.00 per doz.

Schwaben. A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary-yellow with a small blotch of deep garnet in the throat. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

Sulphur King. This splendid variety is generally conceded to be the finest clear yellow yet introduced. It produces extra long spikes well filled with its attractive flowers which are of good size. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

War. A magnificent dark variety with tall spikes well filled with large flowers of a rich blood-red shaded with crimson-black. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

COLLECTIONS OF SUPERB NEW AND RARE GLADIOLUS

1 each of the above 12 sorts, 12 bulbs.....	\$2 25	6 each of the above 12 sorts, 72 bulbs.....	\$11 00
3 " " " 12 " 36 "	6 00	12 " " " 12 " 144 "	20 00

Our Gold Medal Mixed Gladiolus offered on page 139 are extra fine!

Dreer's Six Grand American Gladiolus

Within recent years American hybridizers have produced some of the very best *Gladiolus*, being noted for their strong, free growth, free-flowering qualities, purity of color and their ability to produce satisfactory results in our climate even under the most ordinary conditions, and whether wanted for show in the garden or for cutting, the six sorts offered under this head now hold the premier place in their respective colors, and are offered at prices so reasonable, considering their high grade, that they should be planted in quantity wherever summer flowers are wanted.

America. Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture. 5 cts. each; 50 cts. per doz.; \$3.50 per 100; \$27.50 per 1000.

Mrs. Francis King. A striking shade of light scarlet or flame color; one of the most effective. 5 cts. each; 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

Niagara. A charming variety, with all the good qualities of America, but of a delicate cream-yellow, lightly marked and splashed with rosy-carmine in the throat; beautiful as a cut-flower. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

Panama. A favorite wherever high-grade varieties are grown. It is similar to and has all the good qualities of America, but in color is a rich rose-pink. One of the finest. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

Peace. Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

Principes. Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

COLLECTIONS OF SIX GRAND AMERICAN GLADIOLUS

3 each of the 6 sorts.....	\$1.25	12 each of the 6 sorts.....	\$4.00
6 " " 6 "	2.25	25 " " 6 "	7.50

GENERAL COLLECTION CHOICE
NAMED GLADIOLUS

In addition to the Superb New and Rare Named Sorts offered on the preceding page, and the six grand sorts offered above, we offer below a very select list of named sorts, each one quite distinct and first class in every way.

Augusta. A lovely and useful variety, pure white with blue anthers. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Baltimore. Flowers of immense size; color light salmon, throat marked with deeper salmon on a cream-colored ground. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Baron Hulot or Blue King. A really fine blue Gladiolus, in color a rich, royal violet blue, very effective when cut and used in conjunction with Sulphur King or other yellow variety. 7 cts. each; 75 cts. per doz.; \$5.00 per 100.

Blanche. One of the finest whites of the Giant type, immense flowers of pure white, lightly marked with pale rose; a gem. 10 cts. each; **Kunderdi G**
\$1.00 per doz.; \$7.50 per 100. stripe in cen

Brenchleyensis. The most effective vermilion-scarlet for massing. 35 cts. per doz.; \$2.25 per 100; \$20.00 per 1000.

Brilliant. Glistening scarlet with carmine and white throat.
10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Canary Bird. A splendid clear canary-yellow. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Columbia. Light orange-scarlet, splashed with bluish-purple.
5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Empress of India. Rich velvety dark red with deeper shadings. 7 cts. each; 75 cts. per doz.; \$5.00 per 100.

Klondyke. Clear yellow, with crimson-maroon blotch in the throat. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Kunderdi Glory. Large creamy white flowers with crimson stripe in centre of each petal; ends of petals ruffled. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Pink Perfection. This magnificent imported sort has attracted great attention, the color is a soft appleblossom pink with chamois suffusion that is very attractive. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

Rosella. Delicate rose, stained purple and white; large, open orchid-like flowers; a handsome and satisfactory variety. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Scribe. A giant-flowering soft rose blazed with carmine, very large, open flowers and enormous spike. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

Shakespeare. White, suffused with carmine-rose; large rose blotch. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.



GLADIOLUS AMERICA

COLLECTIONS OF CHOICE NAMED GLADIOLUS

1 each of the 21 varieties on this page, 21 in all.....	\$1.75	6 each of the 21 varieties on this page, 126 in all....	\$7.50
3 " 21 " " 63 "	4.25	12 " 21 " " 252 "	14.00

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



GLADIOLUS, GOLD MEDAL HYBRIDS

DREER'S SUPERB GENERAL MIXTURE

This is our popular low-priced mixture, and is composed of fine sorts, in all colors, in first size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any except our Gold Medal Mixture, which surpassed it in variety of coloring or general excellence, and, whether wanted for planting for effect or for cutting, will be found entirely satisfactory. 30 cts. per doz.; \$2.00 per 100; \$17.50 per 1000.

LEMOINE'S BUTTERFLY HYBRIDS MIXED

The remarkable richness of the colorings of this class rivals the finest orchids. 40 cts. per doz.; \$2.50 per 100; \$22.50 per 1000.

NEW GIANT (Nanceanus)

A magnificent race of extraordinary size and remarkable beauty, possessing the long-lasting properties and the beautiful markings of the Lemoine section. Mixed varieties. 40 cts. per doz.; \$2.50 per 100; \$22.50 per 1000.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

GLADIOLUS in Mixture

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all **strictly selected first size bulbs**, and are sure to give satisfactory results.

GOLD MEDAL

HYBRID GLADIOLUS

We grow this magnificent strain for the express purpose of being able to supply many of our customers who want something decidedly better than the usual run of mixtures and who do not care for the named sorts. When Gladiolus are grown in mixture they are liable to deteriorate rapidly, and finally contain only a few colors. To avoid this we grow small blocks of a large number of exquisite colors, many of them high-priced sorts, from which these mixtures are made, which insures results which cannot be had in any other way, and if you wish something really extra fine, these are sure to please you.

Gold Medal Section No. 1. This contains all the scarlet, blood-red, garnet, amaranth and similar rich shades of color in great diversity. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Gold Medal Section No. 2. This is composed of the white, yellow and delicate shades of pink, rose, etc., and is especially valuable for cutting. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Gold Medal Section No. 3. In this section are included the new blue, heliotrope, lilac, mauve and similar tints. A lady customer, on seeing a bunch of these, called them "pansy colors," which aptly describes them. They are for the most part entirely new and distinct. 7 cts. each; 75 cts. per doz.; \$6.00 per 100.

Gold Medal Mixture. This contains some each of the three sections, and so great is the diversity in colors that customers run practically no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. 6 cts. each; 60 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

PRIMULINUS HYBRIDS

The original of this type introduced from South Africa has been much improved by crossing with choice garden varieties, and the mixed hybrids here offered are certain to produce some beautiful flowers, mostly in tones running from light yellow to orange apricot and crimson; the flowers are of good size, borne on tall graceful spikes, and are of healthy, vigorous constitution. 40 cts. per doz.; \$2.50 per 100; \$22.50 per 1000.

MIXED GLADIOLUS

IN SEPARATE SHADES

	doz.	100	1000
Scarlet and Crimson shades mixed.	\$0 35	\$2 25	\$20 00
White and Light	" 40	2 50	22 50
Yellow and Orange	" 75	5 00	45 00
Striped and Variegated	" 45	3 25	30 00
Pink and Rose	" 40	2 50	22 50



HYDRANGEA HORTENSIS

Hydrangea Hortensis

Although hardy in sheltered favorable positions in the latitude of Philadelphia, they will give more satisfaction when grown as pot or tub plants and protected against frost. They thrive in any good garden soil, but give better results when grown in a soil composed of two parts of good turfy loam and one part of thoroughly decomposed cow or stable manure. When in active growth supply liberally with water; at this time also stimulants in the form of liquid manure, our Peerless Plant Food or Bonemeal, will prove beneficial. Give full exposure to the sun, except when in flower, when a slight shade will prolong their blooming. On the approach of freezing weather store in a light cool cellar or similar place, water only sufficient to prevent the roots from drying up. Keep the plants as cool as possible during the winter, but never expose to frost; if they start into growth during winter they are stored too warm, and should be moved to cooler quarters. Early in spring bring the plants on the piazza or some sheltered place and increase the supply of water, again giving full exposure as soon as the weather becomes thoroughly settled.

In some soils, due to the presence of iron or certain chemicals, Hydrangeas naturally flower blue. To produce this color artificially incorporate one-half pound of alum broken into pieces about the size of a hickory nut with each bushel of soil.

NINE SUPERIOR NEW FRENCH HYDRANGEAS

Attraction. A delicate refined shade of pink, free and early flowering.

Baby Bimbenet. Very dwarf, free, and early, large compact trusses of silvery-rose flowers.

Joconde. A vigorous growing variety, producing immense symmetrical trusses of pure white flowers.

Lilie Mouillere. Beautiful carmine-rose, a bright cheerful color.

L'Islette. Very free rosy-carmine.

Mme. Auguste Nonin. An unusually attractive pretty pale pink, in heads of large size.

Price, except where noted, 3-inch pots, 30 cts. each. The set of 9 for \$2.50. 6-inch pots, 75 cts. each. The set of 9 for \$6.00.

Mme. Rene Jacquet. Universally admired, the flowers at opening call to mind clusters of apple-blossoms.

Souvenir de Mme. Victor Raoult. One of the most valuable novelties. In general vigor and free flowering habit it resembles the popular Souvenir de Mme. E. Chautard. It is, however, distinct in color, being a lively light pink.

Trophee. The nearest approach to a real red in Hydrangeas; a bright carmine; habit ideal; a splendid acquisition. 3-inch pots, 50 cts. each; 6-inch pots, \$1.00 each.

GENERAL COLLECTION OF FRENCH HYDRANGEAS

Avalanche. Fine large white.

Eclaireur. Bright carmine rose.

E. G. Hill. Immense clear pink.

General de Vibraye. Large bright rose.

La France. Fringed delicate rose.

La Perle. The largest white, deeply fringed.

Louis Mouillere. Deep rose, fringed.

Mme. E. Mouillere. The most popular white.

Mont-Rose. Very free, early, and almost everblooming pink.

Radiant. Deep rosy carmine.

Souvenir de Lieutenant Chaure. Immense heads, of bright rose carmine.

Souvenir de Mme. E. Chautard. The most popular, early, free pink.

3-inch pots, 25 cts. each; \$2.50 per doz. The set of 12 for \$2.50.
6 " " 60 " " \$6.00 " " " " 12 for \$6.00.

HYDRANGEA OTAKSA

This is the variety that is used so extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers throughout the entire summer. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

Young plants in 3-inch pots, 25 cts. each; \$2.50 per doz.

Good plants in 5-inch pots, 50 cts. each; \$5.00 per doz.

Strong plants in 6-inch pots, 60 cts. each; \$6.00 per doz.

Specimens in 11-inch tubs, \$3.00 each, including tub.

" 12 " " \$5.00 " " "

DRACAENA INDIVISA

This variety is used very extensively as a centre plant for vases, porch and window boxes, etc. It stands full exposure to the sun, and its long narrow, graceful foliage contrasts beautifully with other plants. 25 cts., 50 cts. and \$1.00 each. Specimens in 8-inch tubs, \$3.00 and \$5.00 each.

HYACINTHUS CANDICANS

(Cape Hyacinth)

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. 15 cts. each; \$1.50 per doz.

ISMENE CALATHINA

(Peruvian Daffodil)

A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks' rest, potted and flowered in the house in the winter, or kept over for planting out another season. 25 cts. each; \$2.50 per doz.

JASMINUM

Grandiflorum (*Catalonian or Star Jasmine*).

Very fragrant single white flowers, in bloom the greater part of the year. 25 cts. each.

Olea Fragrans

(Sweet Olive)

An old favorite greenhouse shrub, succeeding admirably as a house plant, producing insignificant white flowers, but of the most exquisite fragrance, continuing to bloom almost the entire winter. Good plants, 60 cts. each.

Books on Horticultural Subjects

We offer on the inside of the back cover of this book a list of the best of above.



PHOENIX ROEBELENI



ISMENE (Peruvian Daffodil)

PALMS

Kentia Belmoreana. The Kentias are the hardiest Palms in cultivation. They are of slow growth, and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark-green foliage.

3-inch pots, 12 inches high.....	\$ 50 each
4 " " 15 " "	75 "
5 " " 20 " "	1 50 "
6 " " 26 " "	2 50 "
7 " " 30 " "	4 00 "
7 " " 36 " "	5 00 "

Forsteriana. This is very similar to above, but of stronger growth, with broader, heavier foliage.

3-inch pots, 12 inches high.....	\$ 50 each
4 " " 15 " "	75 "
5 " " 24 " "	1 50 "
6 " " 30 " "	2 50 "
8 " " 42 " "	5 00 "

Kentia Forsteriana (*Made-up Plants*). These very useful decorative specimens are made by planting several plants together.

7-inch tubs, 36 inches high.....	\$ 5 00 each
7 " " 38 " "	6 00 "
8 " " 42 " "	10 00 "
8 " " 48 " "	15 00 "
10 " " 54 " "	20 00 "

Phoenix Roebeleni. A most graceful Palm which has become one of the most popular for room decoration. Of vigorous growth, and its gracefully recurving leaves, with very narrow dark green pinnæ, give it a lightness and airiness not surpassed by any.

4-inch pots, 12 in. high, nicely characterized	\$1 00 each
5 " " 15 " " "	1 50 "
Specimens in 6-in. pots, 1½ ft. high	3 00 "
" 8 " tubs, 2 "	5 00 "
" 10 " " 2½ "	7 50 "

DREER'S SUPERB SINGLE-FRINGED
PETUNIAS

Dreer's Superb Single-Fringed Petunias

Our own strain of the finest large-flowering single fringed sorts of this useful bedding plant, and invaluable for porch and window boxes, flowering continuously from early in the summer till frost. Ready in May and June; 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

New Salvia Splendens or Scarlet Sage, America or Globe of Fire

This is the finest of all the Scarlet Sages, being the earliest, freest and most continuous bloomer. It is also the most uniform in habit of growth. The bushy plants grow about 15 inches high, and the immense spikes of brilliant scarlet flowers rising clear about the rich green of the foliage, making a total height of not over two feet. One of the most effective bedding plants in cultivation. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



SALVIA, AMERICA OR GLOBE OF FIRE

DOUBLE PEARL TUBEROSES

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 5 cts. each; 50 cts. per doz.; \$3.00 per 100.



DOUBLE PEARL TUBEROSE

VINCA

Major Variegata (*Variegated Periwinkle*). One of the very best plants for vases and for trailing over the edges of window boxes, etc. Leaves glossy-green, broadly margined creamy-white; blue flowers. Strong plants in 4-inch pots, 25 cts. each; \$2.50 per doz.

ZEPHYRANTHES

(Zephyr Flower, or Fairy Lilies)

Beautiful dwarf, bulbous plant, very effective for masses or border, flowering with great profusion during the summer. They are also suitable for pot culture. 6 bulbs clustered in a 5-inch pot in the autumn will give a fine display during the winter; 8 inches high.

Alba. Pure white. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Rosea. Large rose-colored. 12 cts. each; \$1.25 per doz.; \$8.00 per 100.

ZINNIAS (Youth and Old Age)

Dreer's Giant Double. An extra large flowering strain of this popular summer-flowering annual, growing about 3 feet high, with colossal flowers in a great variety of colors. Mixed colors, ready in May and June.

10 cts. each; \$1.00 per doz.; \$7.00 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

WATER LILIES AND AQUATICS

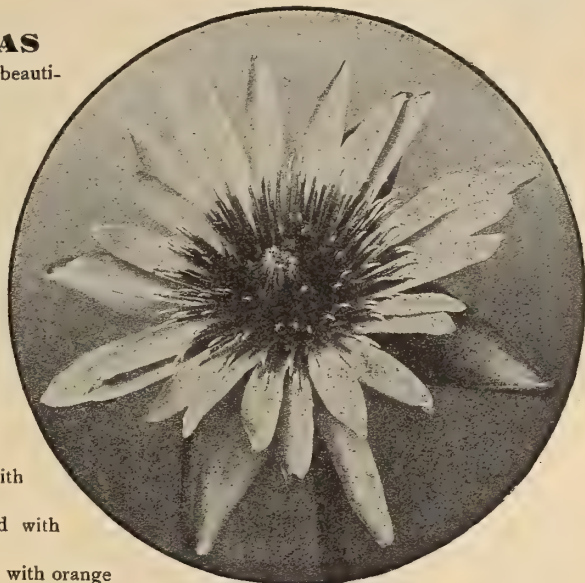
Due to the large amount of labor required in the digging and preparation of Hardy Nymphaeas and Nelumbiums we have withdrawn these from our list until normal conditions prevail. The tender or tropical varieties and aquarium plants as offered below can be supplied as usual.

TROPICAL or TENDER WATER LILIES

These are supplied after June 1st in strong, growing pot plants, and should not be planted out until after the weather has become settled and warm. Place your order for these plants early, and we will reserve them until the proper planting season.

NIGHT-BLOOMING NYMPHÆAS

- Bissetti.** Flowers 8 to 10 inches in diameter; cup-shaped; of a beautiful glowing shade of rosy-pink. \$2.00 each.
- Deaniana.** Flowers pure light pink. \$1.50 each.
- Dentata.** White, 8 to 12 inches across. \$1.00 each.
- Dentata Magnifica.** Large cup-shaped creamy-white flowers 10 to 12 inches across. Very desirable. \$2.50 each.
- Dentata Superba.** The largest white Water Lily grown. Flowers of clear glistening white. \$3.00 each.
- Devoniensis.** This old favorite produces its large pure red flowers in the greatest abundance. \$1.00 each.
- Frank Trelease.** The darkest colored of all tender Water Lilies. A glowing dark crimson. \$1.50 each.
- Geo. Huster.** Brilliant crimson flowers. \$2.00 each.
- Jubilee.** White, flushed pink at base of petals. \$1.50 each.
- Kewensis.** Medium size light pink flowers. \$1.50 each.
- O'Marana.** Flowers large and massive. Color pink, suffused with red; very desirable. \$1.50 each.
- Rubra Rosea.** One of the best and largest rosy-reds produced with remarkable freedom. \$1.50 each.
- Sturtevantii.** Color of flower varies from pure pink to bright red, with orange centre. \$2.50 each.



NYMPHÆA ZANZIBARIENSIS

DAY-BLOOMING NYMPHÆAS

- Capensis.** Flowers rich sky-blue. \$1.00 each.
- Coerulea.** Flowers light blue, suffused with white. \$1.00 each.
- Daubenyana.** Small, fragrant, light blue flowers, valuable for winter blooming in aquariums or small pools. \$1.00 each.
- Gracilis.** The only white flowering day-blooming tropical Water Lily. Flowers of medium size. \$1.50 each.
- Grossherzog Ernst Ludwig.** A free-flowering variety of a true violet blue with a golden yellow centre. \$2.50 each.
- Mrs. C. W. Ward.** Deep rosy pink on long stems. \$2.00 each.
- Ovalifolia.** Flowers of large size, held well above the foliage and of a deep creamy white; the base of each petal faintly suffused with blue, which gradually deepens until the tips of each petal are a decided light corn-flower blue. \$10.00 each.
- Pennsylvania.** An improved *N. pulcherrima*, flowers being larger in size and of a deeper, richer blue. \$2.50 each.
- Pulcherrima.** This variety flowers continuously winter and summer. Of a fine light blue with yellow centre. \$2.00 each.
- Wm. Stone.** Rich violet blue shaded amaranth. \$2.00 each.
- Zanzibariensis.** The darkest blue or purple of the genus; very free-flowering. \$1.50 each.
- Zanzibariensis azurea.** Clear azure-blue. \$1.00 each.
- Zanzibariensis rosea.** Various shades of rose. \$1.00 each.

VICTORIAS or ROYAL WATER LILIES

- Victoria Regia.** The well-known original species.
- Victoria Trickeri.** Of vigorous and rapid growth, producing three and four flowers in a single week during the height of the season. Flowers white on opening, changing to deep rose-pink.
- Seeds** of either of the above, 3 for 75 cts.; \$3.00 per doz. We have no Plants of Victorias to offer this season.

AQUARIUM PLANTS

- Anacharis Canadensis Gigantea** (*Giant Water Weed*). A beautiful submerged plant with dark green ovate leaves and light stems. 20 cts. each; \$2.00 per doz.
- Cabomba Viridifolia** (*Washington Grass*). A pretty and popular submerged plant. 20 cts. per bunch; \$2.00 per doz.
- Cyperus Alternifolius** (*Umbrella Plant*). Excellent for growing in water or damp places. 25 cts. each; \$2.50 per doz.
- Cyperus Papyrus** (*Papyrus Antiquorum*). This is the true Egyptian Paper Plant. 5 to 8 feet high, graceful and striking. 50 cts. each. Specimen plants in tubs, \$2.50 each.
- Eichhornia Azurea.** This species of "Water Hyacinth" produces large spikes of flowers of a lovely shade of lavender-blue, with a rich purple centre. 50 cts. each.
- Eichhornia Crassipes Major** (*Water Hyacinth*). Flowers of a delicate lilac-rose. Does splendidly outdoors in summer. 20 cts. each; \$2.00 per doz.
- Ludwigia Nulerti.** One of the prettiest of the submerged plants. The small, ovate leaves are green above and pink on the under side. 25 cts. each; \$2.50 per doz.
- Sagittaria Natans.** Long strap-like green leaves resemble the well-known *Vallisneria*. 20 cts. each; \$2.00 per doz.
- Sagittaria Sinensis** (*Giant Sagittaria*). Leaves dark green; broader than *S. Natans*. 20 cts. each; \$2.00 per doz.
- Salvinia Braziliensis.** This pretty little floating aquatic is suitable for all aquaria. 20 cts. per bunch; \$2.00 per doz.
- Vallisneria Spiralis Italian Type** (*Eel Grass*). A submerged plant with long ribbon-like leaves. 25 cts. each; \$2.50 per doz.



Dreer's Specially Prepared ROSES FOR THE GARDEN



PARTIAL VIEW OF ROSE TRIAL BEDS AT OUR NURSERY, RIVERTON, N. J.

While our old customers are familiar with the grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock to the manner in which these plants are prepared. The bulk of our Roses are field grown plants, having been cultivated in fields during the growing season of 1918. In fall they were carefully dug, planted in pots and stored in cold greenhouses or cold frames, where artificial heat is only used to exclude severe frost. Under this treatment the plants develop in the most natural way, and are much superior to stock which has been forced in a high temperature into an unnatural and weakened growth, and to the comparatively worthless Roses which are sold so cheaply in a dormant condition. Our Roses are nearly all home-grown or grown for us in Europe by specialists who have made a life-study of the Rose. With few exceptions our Roses are budded or grafted, and while some planters prefer stock grown on their own roots on account of the liability of budded plants to throw up suckers, this will rarely occur if the deep planting as directed below is followed, and if a wild shoot should appear it is readily distinguished by the most casual observer, and should be removed close to the root. Much can be said in favor of budded plants, being more vigorous, producing finer blooms, come into bearing sooner, and are equally as permanent and hardy as those on their own roots, and many of the choicest sorts do not succeed unless budded or grafted.

HOW TO GROW ROSES

SITUATION.—Good Roses may be grown in any open, sunny position, if possible sheltered from north winds, and clear of all roots of trees and shrubs.

PREPARATION OF THE BEDS.—Roses will grow and give good returns in any fertile, well-drained ground; but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of bloom usually more than repays the extra care expended on this detail. The best soil for Roses is the top soil from an old pasture and well-rotted cow manure. Dig out the bed to a depth of two feet or more, and, if drainage is imperfect, it must be provided for. Fill in with a mixture of soil and manure as above. It is best to make the beds some time in advance of planting, to allow time for settling. After the soil is settled, it should be about an inch below the level of the adjacent surface; make the beds not over $3\frac{1}{2}$ to 5 feet wide, which enables you to pick the blooms without stepping on the bed.

PLANTING AND SUMMER CARE.—The ideal time to plant Roses as prepared by us is in the spring, just after danger from severe frost is past.

Tea and Hybrid-Tea varieties can be set 18 inches apart, Hybrid Perpetuals two feet apart, and both eight inches from the edge of the beds. When the plants are supplied in pots, they should be set so that the ball of earth is about two and one-half inches below the level of the ground. Firm the soil well around the plants, and give a thorough watering if the soil is dry. Throughout the summer the surface of the soil should be cultivated weekly. If this is done, watering will be rarely necessary.

PRUNING. The Roses sent out by us in Spring require no further pruning; they are ready to plant as received. For instructions how to prune during succeeding seasons, see the directions given under the headings of the different classes in the pages following.

WINTER PROTECTION.—In this latitude we have found that the most satisfactory protection is to draw up a mound of soil from 8 to 10 inches high around the base of the plant, then covering the entire beds after the ground begins to freeze with any loose material, such as strawy manure, evergreen boughs or corn stalks, and in more severe climates heavier covering is all that is required.

ENEMIES.—When grown under favorable conditions, Roses are not apt to be attacked by insect pests or other troubles as they are if half starved and otherwise neglected. Our own experience shows that a weekly application of Bordeaux Arsenate of Lead Mixture, at the rate of eight ounces to five gallons of water, applied with a whisk broom, or any sprayer that will reach the under side of the foliage, beginning at the time that the plants have developed into active growth, and continued throughout the season, will keep them free of almost all insect pests, as well as fungous diseases, but if in spite of this spraying, mildew should affect the foliage, use Sulphide of Potassium at the rate of one-half ounce to one gallon of water. This is sometimes effective where the Bordeaux Mixture fails. It may be necessary to supplement this treatment with several applications of any tobacco solution, or tobacco dust, for green-fly or aphids, which may appear during the growing season.

HARDY EVERBLOOMING HYBRID-TEA ROSES

For garden-culture the Hybrid-Tea Roses have now taken the foremost rank. They have been produced by crossing the free-flowering Tea Roses with other varieties, principally of the June-flowering or Hybrid Perpetual classes, thus combining not only the free-flowering habit of the Tea Rose with the rich and varied colors of the other classes, but also comparative hardiness.

The greatest efforts of the world's most noted Rose specialists during the past quarter of a century have been devoted to this class of Rose, and the results achieved have been really wonderful. Not only is every color known in Roses now represented, but there are many beautiful shades and color combinations not found in the other types.

At our Nurseries, Riverton, N. J., we have trial beds containing more than 500 varieties of Hybrid-Tea Roses alone, embracing all the standard varieties, as well as the latest introductions.

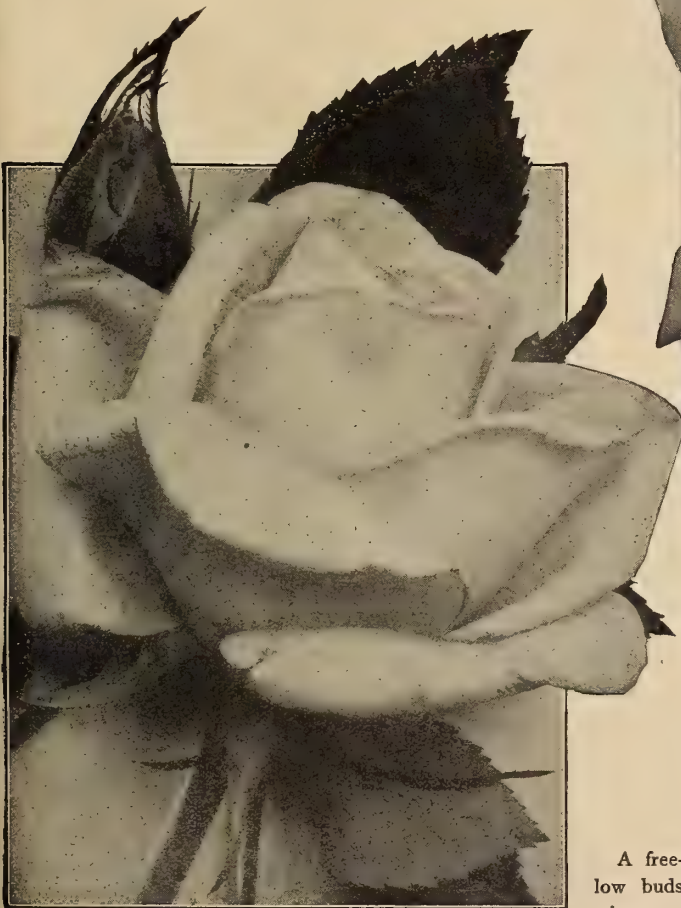
For best results Hybrid-Tea Roses should be severely pruned; the stronger shoots should be cut back to from 8 to 12 inches in height, while all weak, thin wood should be removed entirely.

Novelties and Recent Introductions HYBRID-TEA ROSES

ADMIRAL WARD

(Pernet-Ducher, 1915)

A splendid crimson-red, shaded fiery red; it has large globular flowers with curved petals; its growth is vigorous; of desirable spreading habit, with healthy attractive bronzy-green foliage. \$1.00 each.



NEW HYBRID-TEA ROSE, AMALIE DE GREIFF



NEW HYBRID-TEA ROSE ADMIRAL WARD

+ AMALIE DE GREIFF

(P. Lambert, 1914)

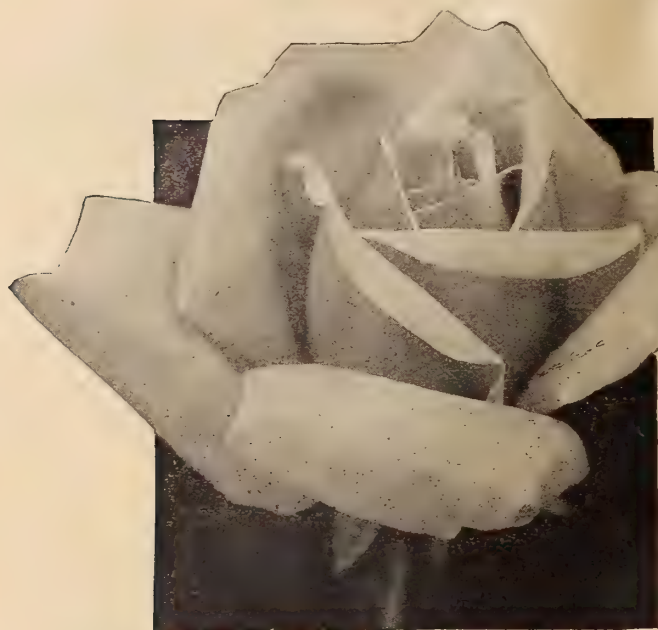
Large, well formed, double flowers, long shapely buds on long stiff stems, color soft rose tinted flesh, shading to salmon-red in the centre, distinct and free-flowering. \$1.00 each.

CONSTANCE

(Pernet-Ducher, 1915)

A free-flowering variety, producing beautiful long orange-yellow buds of perfect form; these are more or less streaked with crimson; as the flowers fully develop they open to a full globular flower of golden-yellow. \$1.00 each.

New Hybrid-Tea Roses—Continued



NEW HYBRID-TEA ROSE, EDGAR M. BURNETT

Countess Clanwilliam

(Hugh Dickson, 1915)

Long pointed buds opening to large, full, high-centred flowers of great beauty. Color delicate peach-pink at the base of the petals, which are flamed and heavily edged with carmine, a beautiful contrast, which brings out the strong individuality of this charming Rose. Awarded Gold Medal National Rose Society of England. \$1.00 each.

Edgar M. Burnett

(McGredy, 1915)

Very large, full flowers of splendid form, with large flesh-colored petals tinted rose, an advance on the type of Rose of which the beautiful Lady Alice Stanley is a representative; one of the sweetest-scented Roses in existence, even surpassing "La France" in this respect.

Awarded Gold Medal National Rose Society of England. \$1.00 each.

Edward Bohane

(Dickson & Sons, 1916)

The brilliant velvety crimson-scarlet is sure to command attention for this beautiful, large, well formed flower, which is freely borne on strong erect stems, and which is delightfully fragrant. Awarded Gold Medal National Rose Society of England, and award of Merit Royal Horticultural Society of London. \$1.00 each.

Francis Scott Key

(John Cook, 1913)

This strong, sturdy growing variety of American origin has proven a valuable Rose for the garden. The flowers are large, very double, well formed and of unusual substance, while in color it is a deep even red. \$1.00 each.

Gorgeous

(Hugh Dickson, 1916)

Flowers large, full and exquisitely formed, of an amber yellow, veined with reddish-copper, a most striking and novel color; it is of strong, vigorous habit.

Awarded Gold Medal National Rose Society of England. \$1.00 each.

G. Amedee Hammond

(Dickson & Sons, 1916)

Color cadmium or deep apricot, shading off to fawn or delicate buff; flowers large, perfectly formed, opening well in all weathers, very floriferous and fragrant and carried on erect stems, Awarded Gold Medal by the National Rose Society of England. \$1.00 each.

Golden Emblem

(McGredy, 1918)

We showed this beautiful new yellow Rose at the exhibition of the American Rose Society in Philadelphia, March, 1917, where it attracted much attention and was awarded the Society's Silver Medal. It has also been awarded the Gold Medal of the National Rose Society of England.

It is a great improvement on Rayon d'Or, the color being richer and deeper, with larger and more perfect blooms. It is so perpetual flowering that as a garden and bedding Rose, it is without a rival. At its best it surpasses Marechal Niel in shape. Its habit of growth is ideal; free and branching with holly-like, glossy-green foliage; delightfully scented.

Mr. E. Molyneux, V. M. H., in the November 10, 1917, issue of the English "Garden," commenting on the Rose Golden Emblem, states: "This bids fair to be the finest yellow Rose in cultivation. Its habit of growth is ideal; the flowers shapely and sweetly scented." \$2.50 each.



NEW HYBRID-TEA ROSE, GORGEOUS

New Hybrid-Tea Roses—Continued

Hoosier Beauty

(Dorner & Sons, 1915)

Beautiful, well-shaped, long buds and large, full, perfect flowers of an intense, rich, dazzling, crimson-scarlet and deliciously fragrant. The plant is of vigorous growth, and is conceded to be one of the best Roses of its color. 75 cts. each.

H. V. Machin

(Dickson & Sons, 1915)

Of large size and described by the introducers as the most magnificent exhibition variety they have yet introduced; in color an intensely black-grained scarlet-crimson, carried on rigid, sturdy stems with ideal foliage. Awarded Gold Medal National Rose Society of England. \$1.00 each.

Iona Herdman

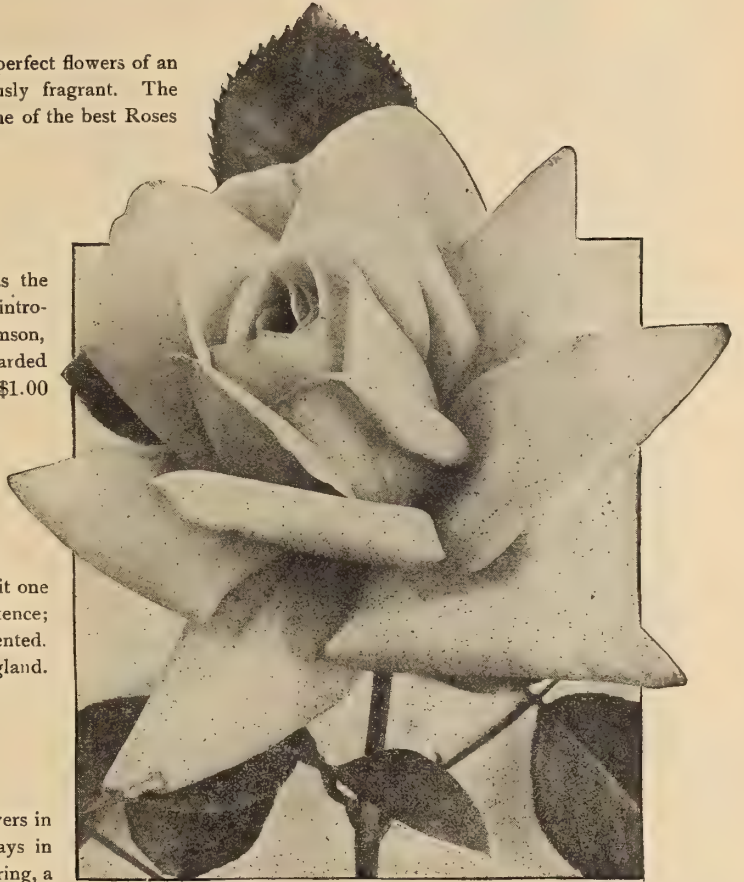
(McGredy, 1915)

A beautiful rich, yellow, surpassing in color the Pernetiana Rose "Rayon d'Or" with true Hybrid-Tea growth and character. Mr. McGredy considers it one of the most beautiful yellow decorative Roses in existence; free-flowering, of splendid form and sweetly scented. Awarded Gold Medal National Rose Society of England. \$1.25 each.

Irish Fireflame

(Dickson & Sons, 1914)

A glorious single-flowering variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold, shaded with ochre. Awarded Gold Medal National Rose Society of England. \$1.00 each.



HYBRID-TEA ROSE LOS ANGELES

Los Angeles

(Howard & Smith, 1917)

We first sent out Los Angeles in the spring of 1917. Many thousands of plants have since been distributed, and we know from the many complimentary letters received that it has given more pleasure to our many Rose friends than any other Rose we have ever handled, and we are convinced that within a few years it will become the most popular bedding Rose in America.

Not only is it attracting every Rose lovers' attention here at home, but at the Bagatelle Gardens in Paris, France, where competitive trials of Roses are made to which contributions of new varieties come from all the renowned growers of the world, Los Angeles was singled out the past season as the greatest and most desirable variety shown and was awarded the highest prize, a Gold Medal, by unanimous consent of the judges.

Los Angeles is, by all odds, one of the finest Roses ever introduced. The growth is very vigorous, and produces a continuous succession of long-stemmed flowers of a luminous, flame-pink, toned with coral and shaded with translucent gold at the base of the petals. In richness of fragrance it equals in intensity the finest Marechal Neil. The buds are long and pointed, and expand into a flower of mammoth proportions, while the beauty of form and ever-increasing wealth of color is maintained from the incipient bud until the last petal drops.

The plants which we offer this season are the same class of stock as sent out the past two years, being very strong two-year-old California-grown, which will give an abundance of bloom this season. Price, \$1.50 each.



HYBRID-TEA ROSE HOOSIER BEAUTY



New Hybrid-Tea Roses—Continued

MME. EDMOND ROSTAND

(Pernet-Ducher, 1913)

This beautiful Rose is one of our favorites, and might be called an improvement on Prince de Bulgarie, being of more vigorous growth and warmer coloring; a pleasing soft, delicate flesh shaded with salmon, and reddish orange-yellow centre, from which it varies considerably under various atmospheric conditions, but it is always beautiful; the flower is large, quite double and globular. \$1.00 each.

Mrs. Ambrose Riccardo

(McGredy, 1915)

Varying in color from a deep honey-yellow with soft but glowing rosy suffusion to a soft saffron-yellow; of great size, the largest of its type. A magnificent, delightfully fragrant Rose, and remarkably free-flowering. Awarded Silver Gilt Medal National Rose Society of England. 75 cts. each.

Mme. Marcel Delanney (Leenders, 1916)

A surprisingly beautiful novelty raised by the introducers of the popular Rose Jonkheer J. L. Mock, and honored with the award of the Gold Medal at the trials of the Bagatelle Gardens at Paris in 1915. It is distinct and peculiar in color, a pale soft pink or rose shaded with hydrangea pink; the flowers are very large, full and fragrant, perfect in form and borne on rigid stems; the growth is vigorous and very floriferous. \$1.00 each.

Mrs. Charles Russell (Montgomery, 1912)

Large, globular, well-formed, full double-flowers of a rosy-carmine, with rosy-scarlet centre; it is of strong, sturdy branching habit, with splendid foliage and very free flowering; one of the most popular cut-flower varieties. 75 cts. each.



NEW HYBRID-TEA ROSE MME. MARCEL DELANNEY

Janet (Dickson & Sons, 1916)

This is virtually a dwarf "Gloire de Dijon," with large globular-cupped formation, not opening flat, as does its lovely prototype. It is also deeper in color, a pleasing silky salmon-flesh, developing to a deep fawn, a most refined delightfully fragrant flower. \$1.25 each.

LADY MARY WARD

(McGredy, 1913)

Rich orange, shaded deeper apricot-orange, with a decided metallic veneering, very brilliant and attractive, and entirely distinct. A color that will appeal to all, a strong grower, very free and sweetly perfumed. Awarded Gold Medal National Rose Society of England. \$1.00 each.

Margaret Dickson Hamill

(Dickson & Sons, 1916)

A magnificent Rose, its delicate straw colored deep shell-like petals are flushed with carmine on the back. Its globular blooms are produced in great profusion on vigorous erect bronzed wood with bronzy-crimson leaf stalks bearing leathery bronzy-green foliage, deliciously fragrant and a great acquisition. Awarded Gold Medal National Rose Society of England, and at Bagatelle Gardens, Paris, 1916. \$1.50 each.

Mme. Colette Martinet

(Pernet-Ducher, 1915)

A vigorous growing long golden-yellow bud opening to a beautiful old-gold, shaded with orange-yellow; attractive bronzy-green foliage. \$1.00 each.



NEW HYBRID-TEA ROSE, MRS. AMBROSE RICCARDO



New Hybrid-Tea Roses—Continued

Mrs. Mackellar (Dickson & Sons, 1916)

In strong habit of growth and freedom of flowering this beautiful new Rose, which we have had the pleasure of becoming acquainted with in our trial grounds for the past five years, will compare favorably with such a strong growing variety as Caroline Testout. In color it is a distinct light lemon-yellow, shading to almost creamy-white in warm weather. It has large flowers with full high centres of splendid build, a valuable Rose in every way. Award of Merit Royal Horticultural Society of London. \$1.00 each.

Mrs. Mona Hunting (Hugh Dickson, 1917)

Medium-sized double flowers with long pointed buds of distinct and novel color, which is a deep chamois-yellow, opening to pure fawn and produced very freely. Awarded Silver Gilt Medal National Rose Society of England. \$1.00 each.

Mrs. Wemyss Quin (Dickson & Sons, 1915)

A yellow Rose of unusual merit, and which on account of this was awarded a Gold Medal at Paris during the past summer, where it was shown in competition with many other novelties at the extensive trials in the Bagatelle Gardens. In color it is of luminous deep canary-yellow; the outside petals are frequently tinged with crimson-orange. It is entirely distinct from all others; the flowers are of good form and very sweet scented. \$1.00 each.

National Emblem (McGredy & Son, 1916)

Messrs. McGredy consider this as one of their greatest efforts in twenty years of hybridizing and believe it to be the most perfect of all Garden Roses. In color it is a dark crimson, overlaid velvety crimson, shading to vermilion at the edges; the buds are long and pointed, the flowers quite full, every one coming perfect, are produced with marvelous freedom right through the season. \$1.00 each.



NEW HYBRID-TEA ROSE,
QUEEN OF FRAGRANCE

Old Gold (McGredy, 1914)

In bud form this Rose appeals to every one on account of its wonderful color, which is entirely distinct from and not found in any other Rose; a vivid orange-red with coppery-red and apricot shadings, and which is further set off by the healthy, glossy, bronze-green foliage; delightfully fragrant; a vigorous grower and very free flowering. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Queen Mary (Dickson & Sons, 1914)

A free-flowering Rose of great beauty and refinement; flowers of medium size and fine form, color bright canary-yellow, crayoned at the edges with pure, deep carmine, a charming color combination and most delightful contrast, as the colors do not co-mingle. Awarded Silver Gilt Medal. \$1.00 each.

Queen of Fragrance

(Wm. Paul & Sons, 1916)

Flowers large, double and of elegant graceful shape and freely produced throughout the season; the color is a beautiful shell-pink, tipped with silver, bright and pleasing. An outstanding quality of this beautiful new Rose is its powerful and delicious fragrance, which won for it the Clay Challenge Cup (value \$375.00) at the Show of the Royal Horticultural Society of England in July, 1914, as well as a Certificate of Merit from the National Rose Society. \$1.00 each.

Totote Gelos (Pernet-Ducher, 1915)

A strong vigorous grower of erect branching habit, with shapely long buds borne on stout stems and large full globular flowers; color flesh-tinted white, frequently shaded with chrome-yellow in the centre, particularly so in the Fall flowers. \$1.00 each.

Ulster Gem (Hugh Dickson, 1917)

A single variety which was awarded both a Gold Medal and a Silver Gilt Medal by the National Rose Society of England. The flowers are frequently 6 inches in diameter and of beautiful outline; its large shell-like petals are of a deep primrose-yellow and its prominent and abundant anthers show conspicuously on the large open flowers. \$1.00 each.



HYBRID-TEA ROSE TOTOTE GELOS

A black and white photograph of three roses. The top rose is 'Lady Alice Stanley', the middle-left is 'Jonkhoeer J.L. Mock', and the bottom-right is 'Ophelia'. The roses are shown with their leaves and stems, set against a dark background.

Lady Alice Stanley

Jonkhoeer J.L. Mock

Ophelia

THREE OF
"The Dreer Dozen"
HYBRID-TEA ROSES

THE "DREER DOZEN"

HARDY EVERBLOOMING HYBRID-TEA ROSES

For many years it has been customary for us to offer under this heading only the very best and most popular, well-tried varieties of Hybrid-Tea Roses, with the majority of which every lover of the Rose is familiar.

We recommend this collection for general planting to the amateur who wishes a limited number of varieties, and who is desirous of a supply of extra choice flowers to cut throughout the summer and fall months. Those who desire a more extensive collection should include Dreer's "Peerless" Twelve offered on page 152, which we can recommend just as strongly; in fact, in our entire collection of Hybrid-Tea Roses offered on pages 145 to 156 there is not one individual sort which we cannot endorse as possessing superior merit, all having been thoroughly tested in our own trial grounds.

Caroline Testout (Pernet-Ducher, 1890)

One of the most popular and valuable bedding varieties, large, full, globular flowers of bright satiny-rose, with brighter centre; very free and fragrant.

Duchess of Wellington

(Dickson & Sons, 1909)

Intense saffron-yellow stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers develop. The flowers are fairly full, with large petals of great substance, delightfully fragrant and very free-flowering.

Ecarlate

(Boyard, 1907)

Produces a greater number of flowers than any other Hybrid-Tea Rose in our collection; the flowers, while not large, are of an intense brilliant scarlet color and of perfect form. We count it among the best bedding varieties; in bloom continuously.

Jonkheer

J. L. Mock

(Leenders, 1910)

One of the best bedding varieties. The flowers, which are produced with the greatest freedom on long stiff stems, are of large size and of perfect form, of a deep imperial-pink, the outside of the petals silvery-rose white. Illustrated on the plate opposite.

Lady Alice Stanley

(McGredy, 1909)

A gem that everyone admires; it is absolutely perfect in every way; form, color, size, freedom of bloom and fragrance, are all fully developed; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes. Illustrated on the plate opposite.

Lady Ashtown

(Dickson & Sons, 1904)

One of the freest flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double with high-pointed centre, and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals.

Price. Any of the above, in strong two-year-old plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

One each of the "Dreer Dozen," a fine collection, for \$7.50

Laurent Carle (Pernet-Ducher, 1907)

Produces its large, deliciously scented, brilliant carmine flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. A vigorous grower, and as hardy as a Hybrid Perpetual.

Lady Ursula (Dickson & Sons, 1908)

A truly magnificent Rose of vigorous, erect growth; exceedingly free-blooming during the entire summer and autumn. The flowers produced on every shoot are very large, full and of great substance and perfect form, with high centre, from which the petals gracefully reflex; in color a delightful tone of flesh-pink, distinct from all others; delicately tea-scented.

Mme. Jules Bouche

(Croibier, 1911)

While not a pure white, it being at times slightly tinted with blush on the reverse of the petals, we consider it one of the best white bedding Roses. It is quite double, and of fine form in bud as well as in the fully expanded flower; a strong grower and very free flowering.

Mrs. Aaron Ward

(Pernet-Ducher, 1907)

A remarkably floriferous variety of strong, vigorous, but compact growth; the young foliage is unusually attractive, a rich, bronzy-green color, the flowers, which are of splendid form, full double, are equally attractive when full blown as in the bud state; in color a distinct Indian-yellow, shading lighter towards the edges; in fact, under

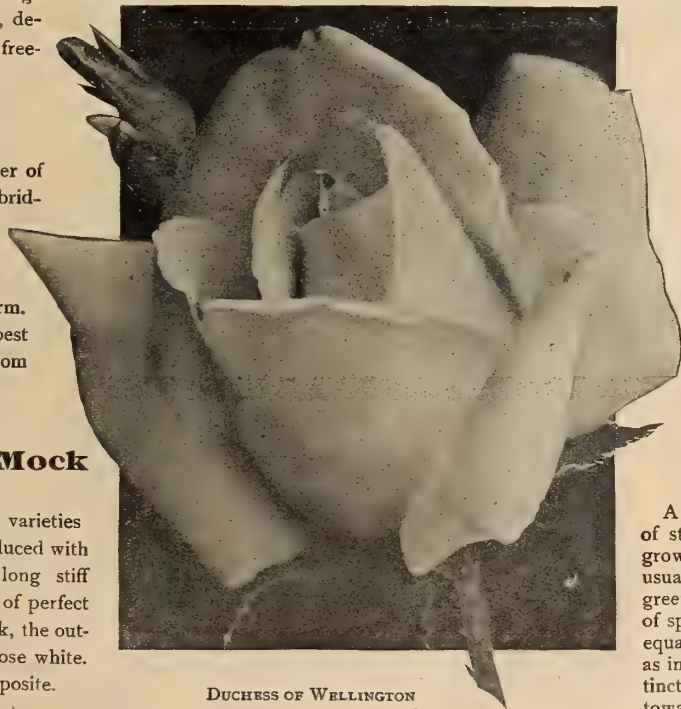
certain weather or atmospheric conditions, the entire flower will sometimes come a yellow-tinted white, but it is beautiful under all color variations.

My Maryland (J. Cook, 1909)

One of our best bedding Roses, in good condition throughout the season, almost always in bloom, every shoot bearing one or more flowers, which are double and of perfect form, of a bright but tender salmon-pink, which lights up beautifully as the flower expands; delightfully fragrant.

Ophelia (Wm. Paul & Son, 1913)

A variety which has made such a record for itself that qualifies it to be classed with the very best, a Rose that is admired by everyone, its flowers are held erect on long stiff stems, are of perfect form, large size, and of a most pleasing delicate tint of salmon-flesh, shaded with rose, very floriferous. Illustrated on the plate opposite.



DUCHESS OF WELLINGTON

DREER'S "PEERLESS" COLLECTION OF TWELVE HYBRID-TEA ROSES

This collection of Hybrid-Tea Roses is made up principally of varieties of comparatively recent introduction. All of them, however, have been thoroughly tested out in our own trial grounds, and are sorts which we can recommend as worthy companions to, but entirely distinct from, the popular "Dreer Dozen" offered on page 151, and they are especially recommended to such of our friends who have already planted that collection.

Florence Pemberton

(Dickson & Sons, 1903)

An excellent bedding Rose of vigorous habit of growth flowering profusely throughout the season, continuing in good shape during hot summer weather. In color it is a creamy-white suffused with pink, a fine bold flower with high pointed centre and great depth of petal.

Killarney Queen

(Budlong, 1912)

A decided improvement on the popular Killarney, with larger, fragrant, well formed buds and flowers, which are absolutely perfect in all stages of development; they are of a sparkling cerise-pink color, shading lighter at the base of the petals, a strong, vigorous grower and free bloomer.

Louise Catherine Breslau

(Pernet-Ducher, 1912)

Entirely distinct from all other Roses in color; the buds are coral-red shaded with chrome-yellow, while the expanded flowers, which are very large, are of a superb shrimp-pink shaded coppery-orange and chrome yellow.

Mme. Edouard Herriot

The Daily Mail Rose
(Pernet-Ducher, 1914)

Winner of the Gold Cup, which was offered by the London *Daily Mail* for the BEST NEW ROSE, exhibited at the International Horticultural Exhibition, held in London, England, May, 1912; also awarded Gold Medal by the National Rose Society of England, 1913. In color its buds are coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red, shaded with yellow and bright rosy-scarlet passing to shrimp-red.

Mme. Ravary

(Pernet-Ducher, 1900)

Should be in every collection on account of its distinct color, which is of a rich, deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant.

Mrs. Arthur Robert Waddell

(Pernet-Ducher, 1908)

An attractive colored variety that everyone likes, a delicate, soft, rosy-salmon, suffused with a golden sheen; flowers of medium size, especially handsome in half-expanded form; a free-flowering garden variety that should be in every collection.

Mrs. Wakefield Christie-Miller

(McGredy, 1909)

As a pink bedding Rose there is none better, and particularly so for massing, the flowers are distinct and novel in shape, the petals having wavy or crisped edges not unlike a Peony. The flowers, which are of large size, remain perfect on the bushes for a long time and are produced very freely; they are of a bright pink color with lighter shadings, the plant is vigorous, and free and perpetual flowering.

Pharisaer

(Hinner, 1903)

Exceptionally free-flowering, producing long buds, which open into large, double flowers of a rosy-white, shading to a pretty soft salmon. A fine garden Rose that never disappoints in quality or in quantity. One of the best.

Radiance

(Cook, 1909)

An ideal bedding Rose of American origin that continues to produce its large flowers throughout the most unfavorable hot summer weather when frequently many other varieties fail, in color a brilliant carmine pink, with salmon-pink and yellow shadings at the base of the petals; truly a Rose for every garden.

Red Radiance

(Gude, 1916)

A counterpart of Radiance except in color which is a clear cerise-red, a most valuable addition to our list of bedding Roses.

Sunburst

(Pernet-Ducher, 1912)

A superb Rose of good vigorous habit, flowers of fair size of elongated cup form and fine in the bud or half-open flower, color a rich cadmium-yellow with orange-yellow centre.

Willowmere

(Pernet-Ducher, 1914)

This splendid Rose is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the centre and flushed carmine pink towards the edges of the petals.



MME. EDOUARD HERRIOT OR DAILY MAIL ROSE

Price. Any of the above, in strong two-year-old plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

One each of the Twelve "Peerless" Collection for \$7.50.

DREER'S SELECT LIST OF HYBRID-TEA ROSES

Under this heading we offer on this and the three pages following the **World's best introductions of Hybrid-Tea varieties prior to the year 1915**, all of them sorts which we have had the pleasure of thoroughly testing in our own trial grounds, and which we fully endorse and recommend to the large and small planter, which, together with the newer sorts offered on pages 145 to 149, and our "Dreer's Dozen" and "Peerless" Collections of Special Sorts offered on pages 151 and 152, form what is undoubtedly **the finest collection of Hybrid-Tea Roses** ever offered to the Rose loving American public.

Antoine Rivoire (Pernet-Ducher, 1896). An ideal bedding Rose of large size, exquisite form and coloring, which is soft peach-flesh with deeper shadings; the base of the petals yellow.

Arthur R. Goodwin (Pernet-Ducher, 1909). A beautifully rich-colored coppery-orange; "gold of ophir," a visitor to our trial grounds very correctly called it who saw it in one of its stages of development; as the flower matures it opens to a soft salmon pink; a good, full flower, very free and distinct.

Betty (Dickson & Sons, 1905). Early in the season this is a disappointment in the first flowers which it opens, but after it becomes established it produces blooms of marvellous beauty, particularly so in the autumn. Its large, deliciously-scented flowers are of a glowing coppery-rose color, suffused with a golden sheen.

Chateau de Clos Vougeot (Pernet-Ducher, 1908). An ideal Rose of a dazzling color, being a rich scarlet, shaded fiery red, changing to dark velvety crimson as the flowers expand; as dark, but richer in color, than the popular Hybrid-Perpetual variety Prince Camille de Rohan; it blooms continuously throughout the season.



HYBRID-TEA ROSE CHATEAU DE CLOS VOUGEOT

Dean Hole (Dickson & Sons, 1904). Silvery-carminé with salmon shadings, large, full, of fine form and very fragrant; a variety of great excellence.

Duchess of Sutherland (Dickson & Sons, 1912). A strikingly beautiful Rose of decided merit. The blooms are freely produced and are carried on rigid stems; they are large, full and conical, with a delightful sweet-briar perfume. The color is novel, a delicate warm rose-pink with lemon shading on the white base. \$1.00 each.

Duchess of Westminster (Dickson & Sons, 1911). A peerless Tea-like Rose with beautiful smooth and massive petals. The blooms are very large, full and perfectly formed, with high pointed centre. Very sweetly perfumed. The color, which is very novel, is a dainty clear rose-madder. The growth is vigorous, erect and of very free-flowering habit. A gorgeous and absolutely distinct Rose.

Earl of Warwick (Paul & Son, 1904). A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form, and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the centre with vermillion.

Edith Part (McGredy, 1914). A Rose with a novel and entirely distinct blend of color, which is a rich red with a suffusion of deep salmon and coppery-yellow with a deeper shading in the bud stage of carmine and yellow; very sweetly scented.



HYBRID-TEA ROSE
ARTHUR R. GOODWIN

Price. Any of the above, except where noted, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.



Dreer's Select List of Hybrid-Tea Roses—Continued



HYBRID-TEA ROSE
ETOILE DE FRANCE

Gruss an Teplitz (Geschwindt, 1898). This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the time.

Joseph Hill (Pernet-Ducher, 1904). A perfect gem and remarkably free-flowering; in color a lovely shade of salmon pink; the perfect flowers are large, full and double.

Kaiserin Augusta Victoria (Peter Lambert, 1891). This splendid Rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the centre to relieve the white; remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower, with bold, handsome foliage.

Killarney (Dickson and Sons, 1898). This is the best known of Dickson's famous Irish Hybrid-Tea Roses, and is one of the most popular of our garden Roses. In color it is a sparkling brilliant pink; the blooms are large, the buds long and pointed, the petals very large and of great substance.

Killarney Brilliant (Dickson & Sons, 1914). Killarney Brilliant is a sport from the original in which we have a Rose far more intense in coloring, it being a rich glowing shade of rosy-carmine, and in addition to its rich color it is also larger and more double than its parent. A truly magnificent Rose.

Edward Mawley (McGredy, 1911). A beautiful rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high globular centre. The growth is strong and the very fragrant flowers are borne in profusion.

Etoile de France (Pernet-Ducher, 1905). Color vivid crimson with darker shadings; very double, of large size and deliciously scented.

General MacArthur (E. G. Hill, 1905). A well-known favorite, and one of the best all-around bedding Roses in our collection, it is one of the earliest and most perpetual flowering sorts; its flowers are of good form, of a warm, rich crimson-scarlet, and delightfully scented.

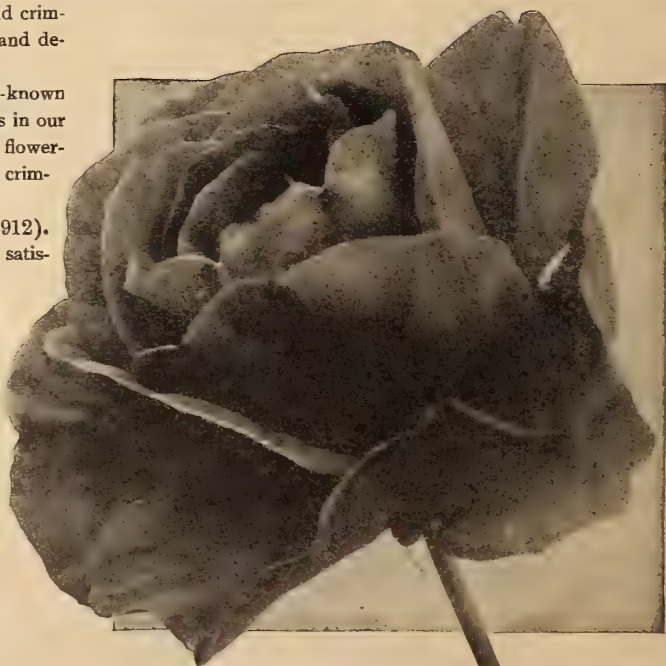
General Superior Arnold Janssen (Leenders, 1912). In our trial grounds this variety has shown up most satisfactorily; its finely formed long buds are of an effective, deep, glowing carmine, and make a splendid long-stemmed cut flower.

George C. Waud (Dickson & Sons, 1908). A beautiful variety, possessing an entirely distinct color—a glowing vermillion with orange-red suffusion. The flowers are large, full, of perfect form and highly tea-scented; very free-flowering.

George Dickson (Dickson & Sons, 1913). One of the most brilliant and perfect high colored varieties; a velvety black scarlet-crimson with glowing scarlet reflexed tips, flowers quite five inches in diameter. Unfortunately not a perpetual bloomer, but this is offset by the brilliant gorgeous display of deliciously fragrant flowers which it furnishes during June, equaled by no other sort.

The "DREER DOZEN" HYBRID-TEA ROSES

Are as fine a collection as any one could wish; all strictly high-grade. Described and offered on page 151.



HYBRID-TEA ROSE, GENERAL MACARTHUR

Price. Any of the above, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Dreer's Select List of Hybrid-Tea Roses—*Continued*

Konigin Carola (Turke, 1904). This variety frequently produces flowers seven inches across and perfect in form, both in bud and when fully expanded. In color a beautiful satiny-rose, with the reverse of the petals silvery-rose, very floriferous.

Lady Pirrie (Hugh Dickson, 1910). Deep copper reddish-salmon; inside of petals apricot-yellow, flushed fawn and copper; an ideal variety admired by every one.

La France (Guillot, 1867). An old favorite and a model garden Rose in every way; flowers clear satiny pink; large, very full, of perfect form and very fragrant.

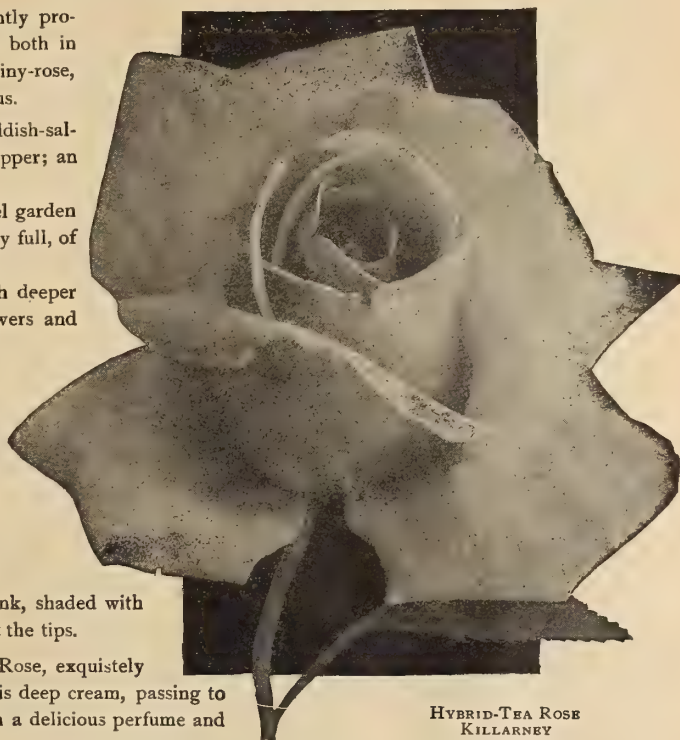
La Tosca (Schwartz, 1901). Beautiful silvery pink, with deeper centre; a very vigorous grower, with large double flowers and very free; a splendid bedder.

Lieutenant Chauré (Pernet-Ducher, 1907). The rich color, a brilliant velvety crimson-red and its beautiful long buds, together with its vigorous growth and prolific habit of flowering, makes this one of the most desirable of the high-colored sorts.

Lyon (Pernet-Ducher, 1907). The long buds are tipped coral-red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of superb color, being a coral-red or salmon-pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips.

Mabel Drew (Dickson & Sons, 1911). A magnificent Rose, exquisitely shaped. The blooms are large and full. The color is deep cream, passing to canary-yellow in the centre as the bloom develops, with a delicious perfume and sturdy, vigorous growth.

Marquise de Sinety (Pernet-Ducher, 1906). While only a moderate grower every one who has seen this beautiful Rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, of good size, is semi-double, of a rich, golden yellow or Roman ochre, shaded with bright rosy-red. \$1.00 each.



HYBRID-TEA ROSE
KILLARNEY

Marquise de Ganay (Guillot, 1910). Very large full globular flowers, on sturdy erect-growing plants; clear, bright, silvery-rose. A fine Rose.

Mary, Countess of Ilchester (Dickson & Sons, 1909). A warm crimson-carmine, flowers large, very double, with large, smooth, circular petals and delightfully scented; very free flowering.

Mme. Abel Chatenay (Pernet-Ducher, 1895). Carmine-rose with salmon shadings; long pointed buds and double flowers, a strong grower and very free flowering.

Mme. Charles Lutaud (Pernet-Ducher, 1913). A large, full, globular flower somewhat in the way of Marquise de Sinety, but with deeper colored flowers and a more vigorous habit of growth; buds ochre yellow tinted with carmine; open flowers chrome-yellow.

Mme. Leon Pain (Guillot, 1904). Entirely distinct in color, a silvery-salmon, with deeper orange-yellow, shaded centre, the reverse of the petals being a salmony-pink; flowers large, full and well formed; very free-flowering.

Mme. Melanie Soupert (Pernet-Ducher, 1906). For delicacy in coloring it would be difficult to surpass this magnificent semi-double large-flowered variety which is especially fine in the bud form; in color a charming pale tint of salmon-yellow with pink and carmine suffusion.

Mme. Segond Weber (Soupert and Notting, 1908). A grand Rose in every way. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft tone of salmon-pink which appeals to everyone.

Price. Any of the above, except where noted, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.



HYBRID-TEA ROSE LYON

Dreer's Select List of Hybrid-Tea Roses—Continued

Nerissa (Wm. Paul & Son, 1912). A large perfect flower of a creamy-yellow shaded with white and peach-tinted centre; a strong grower, free bloomer and a splendid bedder.

Prince de Bulgarie (Pernet-Ducher, 1902). Large full double flowers of capital form which are produced abundantly throughout the season, a good reliable bedder of a silvery flesh color, deepening to the centre with delicate salmon-rose shadings, a soft pleasing color.

Richmond (Hill, 1905). A well-known brilliant crimson-scarlet; not very double, but beautiful in bud form, and always in bloom.

Souvenir du President Carnot (Pernet-Ducher, 1895). A Rose that pleases everybody; fine in form, of large size and delicate in color; a soft rose shading to white.

Souvenir de Gustave Prat (Pernet-Ducher, 1910). An ideal variety, producing its fairly large, globular flowers of a pleasing sulphur-yellow color very freely; the plant is of vigorous habit.

Viscountess Folkstone (Bennei, 1886). One of the first Hybrid-Teas introduced, and still one of the best of its color, which is a creamy-pink, shading deeper at the centre; large, full and very free.

White Killarney (Waban Rose Co., 1909). A pure white, sport of the famous and popular Killarney Rose, identical in every way with its parent, excepting in color.

William Shean (Dickson & Sons, 1906). Pure pink in color with shell-shaped petals of good substance, 4 inches long; a glorious Rose of immense size and perfect form and substance.



HYBRID-TEA ROSE MME. JENNY GILLEMOT

Mme. Jenny Gillemot (Pernet-Ducher, 1905). One of the most beautiful Roses in the collection, especially in the bud or semi-expanded form, heavy shell-like petals of unusual length; color a most pleasing nankeen-yellow suffused with carmine, an attractive color combination.

Mme. Jules Grolez (Guillot, 1897). A beautiful satiny china-rose color, very bright and attractive flowers, very double, of fine form and remarkably free-flowering; a distinct and pretty Rose, which should be planted extensively.

Mrs. George Shawyer (Lowe & Shawyer, 1911). Brilliant clear rose, splendidly formed; large, full double flowers on stiff, erect stems; extra fine in the autumn.

Mrs. Joseph H. Welch (McGredy, 1911). A very brilliant rose-pink, very large, artistically arranged flower of unusual form, with immense guard petals, delicately scented.

Miss Cynthia Forde (Hugh Dickson, 1909). Flowers of great substance, color a deep brilliant rose shading on the back of the petals to a light rosy-pink. The flowers are large, full, of perfect form, very free flowering and fragrant.

Price. Any of the above, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.



HYBRID-TEA ROSE WILLIAM SHEAN

SPECIAL COLLECTIONS OF HYBRID-TEA ROSES

One each of the 48 Select Varieties described on pages 153 to 156 for \$28.00.

One each of the above 48 sorts and a collection each of the "Dreer Dozen" and "Peerless Twelve," offered on pages 151 and 152, 72 Roses in all, a splendid up-to-date collection of high-grade varieties for \$42.50.

DREER'S SELECT TEA ROSES

Tea Roses have always been admired for their delicious fragrance and for their delicacy of coloring, but many of the varieties have now been superseded by the Hybrid-Tea class. The kinds which we list below are the cream of the standard varieties, all of them sorts well worthy of a place alongside of the Hybrid-Tea class. The Tea Roses do not require the severe pruning recommended for the Hybrid-Teas; cut out all thin wood and cut back the stronger shoots to a prominent eye.

Duchesse de Brabant. An old favorite, probably the most deliciously scented Rose grown; bright silvery-pink, always in bloom. 60 cts. each; \$6.00 per doz.

Harry Kirk. A splendid Rose, of free-branching habit, flowering continuously; the blooms are large, of great substance; the form is perfect, the buds long and elegant; color sulphur-yellow, passing to a lighter shade at the edges of the petals. 75 ct each; \$7.50 per doz.

Hugo Roller. Ground color rich lemon-yellow, the petals edged and suffused with crimson; flowers of medium size, of good shape, and very freely produced. 75 cts. each; \$7.50 per doz.

Lady Hillingdon. A recent introduction, of a beautiful coppery shade of apricot-yellow, beautiful in the bud; a strong, vigorous grower and very free-flowering. 75 cts. each; \$7.50 per doz.



TEA ROSE LADY HILLINGDON



TEA ROSE, HARRY KIRK

Lady Plymouth A most distinct Rose with large, full blooms of a delicate pearly white, faintly flushed with creamy splashes; very prolific. 75 cts. each; \$7.50 per doz.

Flaman Cochet. An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink; inner side of petals silvery-rose; very double, and exquisite in bud or when full-blown. 60 cts. each; \$6.00 per doz.

Marie Van Houtte. White, tinted with yellow, often edged with rose; large, full, of fine form and an abundant bloomer. 60 cts. each; \$6.00 per doz.

Molly Sharman Crawford. Large, full double, delightfully fragrant, free-flowering Rose of splendid form; creamy-white at first changing to pure white. 60 cts. each; \$6.00 per doz.

Mrs. S. T. Wright. A "sport" from Harry Kirk, with which it is identical, except in color; the guard petals are of a delicate old gold, while the centre petals are of an orange-chrome with rose suffusion. 75 cts. each; \$7.50 per doz.

White Maman Cochet. Identical, except in color, with Maman Cochet; a splendid bedder. 60 cts. each; \$6.00 per doz.

William R. Smith. A cross between Kaiserin Augusta Victoria and Maman Cochet; one of our best bedding Roses; flowers large, of elegant form; creamy-white with rose shadings. 60 cts. each; \$6.00 per doz.

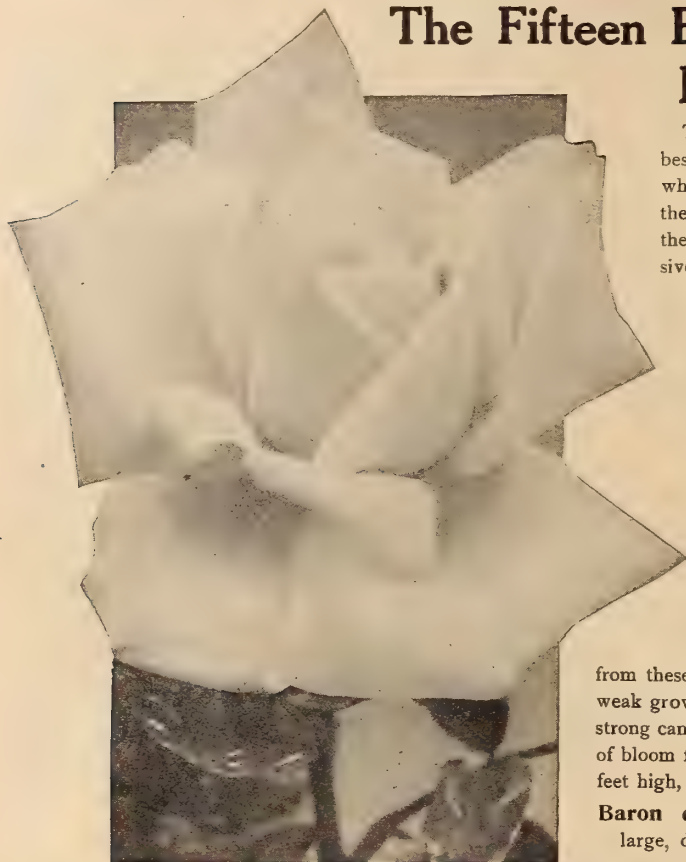
SPECIAL OFFER

We will supply one strong two-year-old plant each of the above eleven Tea-Roses for \$6.00.

The New American Hybrid-Tea Rose "Los Angeles" should be in every garden. For description and price see page 147.



The Fifteen Best Hardy Garden Hybrid-Perpetual Roses



HYBRID-PERPETUAL ROSE, FRAU KARL DRUSCHKI

Clio. Delightful satiny-flesh with deeper centre; the flowers are large, globular and borne on long stems.

Frau Karl Druschki. This is the ideal hardy white Rose pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

General Jacqueminot. Brilliant scarlet-crimson; an old favorite and one of the best-known Roses in cultivation; does well everywhere.

George Arends, or Pink Frau Karl Druschki. A beautiful pink variety; different in color from any other Rose; a free bloomer and one of the best.

Gloire de Chedane Guinoisseau. Very large, full, globular flowers of brilliant vermilion-red, with velvety shadings.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape; very free, distinct and pleasing.

J. B. Clark. Intense scarlet, with crimson shadings; flowers of immense size that attract great attention.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose, and a strong, vigorous grower; one of the best.

Mrs. R. G. Sharman Crawford. Deep rosy-pink; outer petals shaded with pale flesh; one of the freest bloomers and a beautiful Rose in every respect.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering; always does well and stands very close to the top among fine Roses.

Paul Neyron. Dark rose of enormous size; perhaps the largest of all.

Prince Camille de Rohan. Deep velvety crimson-maroon; shaded scarlet; a magnificent dark Rose.

Ulrich Brunner. A bright cherry-red; flowers large and full; a good strong grower and always does well.

The fifteen varieties listed below are unquestionably the best that can be selected in the Hybrid-Perpetual class, which, before the development of the Hybrid-Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts, and especially so in localities where the hardiness of the Hybrid-Tea varieties has not been established. The collection here offered embraces as complete a range of colors as it is possible to bring together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

The plants offered are exceptionally heavy two-year-old stock, which will, under ordinary conditions, give a full crop of flowers this season; and while the main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn. The cultural hints given on page 144 should assist the amateur in getting the largest measure of success from these plants. In pruning Hybrid-Perpetuals cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

Baron de Bonstetten. Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild. A superb Rose, of pale, satiny-rose. very large.



HYBRID-PERPETUAL ROSE, MRS. JOHN LAING

Price. Any of the above in Extra strong two year-old plants, 60 cts. each; \$6.00 per doz.; \$45.00 per 100
Set of 15 "BEST" Hardy Garden Roses for \$7.00

New Hybrid-Perpetual Rose

LUDWIG MOELLER, or YELLOW FRAU KARL DRUSCHKI

While not as yellow as we had hoped for when introduced two years since, it is, nevertheless, a fine Rose and entirely distinct from all other Hybrid-Perpetual varieties, it being a pleasing shade of light amber-yellow, with large double well-formed flowers. \$1.00 each.

Hybrid-Perpetual Rose “AMERICAN BEAUTY”

We can supply this beautiful *forcing* Rose, but do not recommend it for garden culture. While it is undoubtedly one of the finest Roses when grown under glass under the care of the specialist, it is, as a rule, worthless out of doors, except in favored locations, and we only carry it in stock in the spring of the year to supply customers who insist on trying it. Strong two-year-old plants, 75 cts. each; \$7.50 per doz.

RAMANAS OR RUGOSA ROSES

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods. Of healthy, vigorous growth, and equally desirable alike as single specimens or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Rugosa. Rosy-carmine.

Rugosa Alba. Pure white.

Extra strong 2-year-old plants, 50 cts. each; \$4.00 per doz.; \$30.00 per 100.



RAMANAS OR RUGOSA ROSE



HYBRID-PERPETUAL ROSE, ULRICH BRUNNER. (Offered on page 158)

Double Ramanas or Rugosa Roses

Blanc Double de Coubert. A splendid double pure white.

Conrad Ferdinand Meyer. Clear silvery rose, beautiful buds.

Hansa. An attractive double reddish-violet.

Nova Zembla. A hybrid variety; the flowers are large, of fine form, white, with a pleasing flush of pink.

Strong two-year-old plants, 60 cts. each; \$6.00 per doz.
Set of 4 sorts for \$2.00.

NEW PERNETIANA ROSES, or Hybrid Austrian Briers

A new type of Roses, the result of crossing Austrian Copper and Yellow Brier Roses with various other types; all are of strong, vigorous growth, flowering profusely in early summer and producing some bloom during the late summer and fall; a most distinct and interesting class. These should be pruned in the same way as the Hybrid Perpetuals, described on page 158.

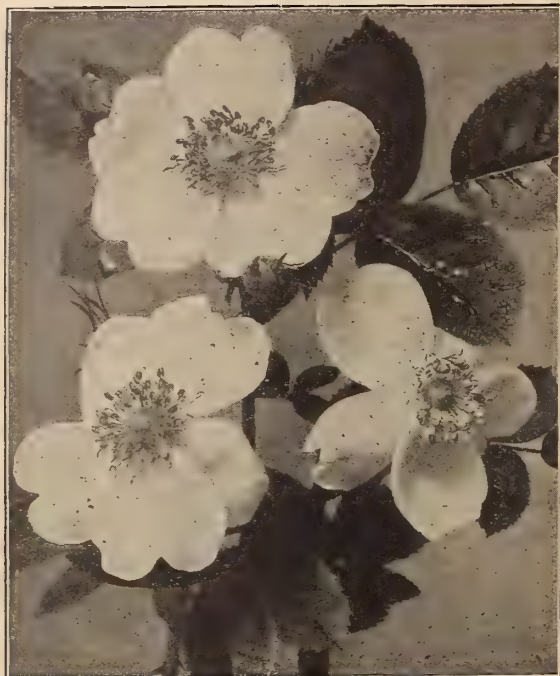
Beaute de Lyon. Forms a large, globular flower of splendid shape, of a coral-red color shaded with yellow.

Juliet. Outside of petals old gold, interior rich rosy-red changing to deep rose as the flowers expand; of delicious fragrance.

Rayon d'Or, or Golden Rays. A gorgeous golden-yellow Rose. A vigorous, strong grower, with glossy foliage, which appears immune to the attacks of mildew.

Soleil d'Or, or Golden Sun. Varies from orange-yellow to reddish-gold, shaded with Nasturtium-red; large, full, perfectly double flowers; a strong grower.

Price: Strong two-year-old plants, 75 cts. each; \$7.50 per doz. One each of these four novel Roses for \$2.50



HYBRID SWEET BRIERS

Memorial, or Evergreen Roses

The type of this group of Roses, *Rosa Wichuraiana*, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy and are recommended for covering graves; hence one of its names—Memorial Rose—climbing over walls, arbors, stumps of trees, or for trailing over rocks or rough ground; in fact, anywhere where a climbing or trailing Rose can be used. The foliage is of a leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants until late in the winter, making them almost evergreen. Pruning should be done in the same way as recommended for the Hardy Climbing sorts. (See page 163.)

Evergreen Gem. Flowers buff, changing to creamy white, very double, foliage dense, of rich bronzy-green.

Gardenia. Buds bright yellow opening double flowers of a cream color; incurving towards evening to the shape and color of a Cape Jessamine; hence its name.

South Orange Perfection. Dwarf, trailing habit, double flowers, blush pink at tips, changing to white.

Triumph. Double white flowers, produced in clusters; sweet scented.

Universal Favorite. Flowers very double, of a pretty rose color.

Wichuraiana. Beautiful fragrant single pure white flowers, with yellow stamens followed in fall with bright red hips or berries.

Strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.
Set of 6 sorts, \$2.50.

For a Continuous Display of Fine Roses

Plant the "Dreer" dozen and the "Peerless" collection of Hybrid-Tea sorts offered on pages 151 and 152. In fact, all of the Hybrid-Tea Roses offered on pages 145 to 156 are free and continuous bloomers.

AUSTRIAN BRIER ROSES

A very hardy type, producing medium-sized flowers of the most pleasing and rich shades of yellow, copper, etc. This class requires little or no pruning, simply cut out superfluous and dead wood.

Harrison's Yellow. Fine double golden-yellow flowers.

Persian Yellow. Large, deep golden-yellow; extra fine.

Strong two-year-old plants, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.

HYBRID SWEET BRIERS

These lovely hybrids are crosses between the common Sweet Brier and various other Roses, and like their parent, the foliage is deliciously scented. The flowers are of the most beautiful tints, and produced in great profusion, and the plants are perfectly hardy, and possess a robust vigor which is quite astonishing.

For best effect should be grown as pillar Roses; furnish them with a stake or pole 5 to 6 feet high, tying the main shoots to this and allowing the laterals to develop and ramble at pleasure. Treated in this way and without pruning, beyond cutting out dead and superfluous branches, they will produce an abundance of lovely single or semi-double flowers with a beauty all their own.

Anne of Geirstein, Dark crimson, of graceful habit.

Brenda. Maiden's blush or peach, dainty in color and shade, the effect of the golden anthers adds a peculiar charm.

Meg Merrilies. Gorgeous crimson, very free-flowering, wonderfully robust habit, large foliage; one of the best.

Common Sweet Brier. This is the true English Sweet Brier, or Eglantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves.

Price. Any of the above extra strong two-year-old plants, 60 cts. each; \$6.00 per doz. Set of 4 sorts, \$2.00.



MEMORIAL ROSE



A BED OF BABY RAMBLER ROSES

BABY RAMBLER AND POLYANTHA ROSES

A type of Roses which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems.

Anchen Muller (*Pink Baby Rambler*). Large clusters of brilliant rose flowers; the edges of the petals are wavy, giving it a peculiarly graceful form.

Catherine Zeimet. Very free flowering, creamy white.

Cecile Brunner (*The Fairy or Sweetheart Rose*). A Polyantha variety with dainty double little flowers of perfect form produced in many flowered graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

Clothilde Soupert (*Polyantha Rose*). An old favorite, producing in clusters beautiful perfectly double flowers of a French-white, deepening to rosy-blush in the centre; very free-flowering and deservedly popular. (See cut.)

Erna Teschendorff. A "sport" from the Crimson Baby Rambler, as bright as Gruss an Teplitz, the well-known Hybrid-Tea, which has been well described as the "Reddest of all red Roses."



POLYANTHA ROSE CLOTHILDE SOUPERT

George Elger. Coppery golden-yellow before fully expanded, opening up a pale-yellow, particularly handsome in the bud state, a splendid companion to Cecile Brunner, the Fairy or Sweetheart Rose.

Louise Walter (*Baby Tausendschoen*). Identical in color to the popular climbing Tausendschoen, a soft, tender shade of pink; flowers $1\frac{1}{2}$ to 2 inches in diameter produced throughout the season in trusses of 10 to 20 flowers each.

Mme. Jules Gouchault. A vigorous grower, producing long stems with erect panicles of 25 to 50 most perfectly formed flowers of a bright vermilion-red shaded orange-red, passing as they mature to a lively bright rose color.

Mme. Norbert Levavasseur (*Crimson Baby Rambler*). Similar in color to the climbing Crimson Rambler. One of the most popular.

Mrs. Cutbush (*Cerise-pink Baby Rambler*). Similar in color to the beautiful Lady Gay Rambler; always in flower.

Orleans. One of the best; flowers of large size of brilliant geranium-red, becoming suffused with rose as the flowers mature, and large white centre; a very pretty color combination.

Yvonne Rabier. A fine white Baby Rambler, with full double flowers produced in great profusion.

Price. Any of the above, strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100. One each of the 12 sorts for \$5.00.

The Old Favorite Bourbon Rose "HERMOSA"

This old favorite has still many friends on account of the freedom with which its medium sized, bright pink flowers are produced, it rarely being out of bloom from early June until hard frost in the late autumn. Strong two-year-old plants, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.



'Moss Rose

FOUR FINE CLIMBING

HYBRID-TEA ROSES

While not as a rule as free-flowering as the bush type of Hybrid-Tea Roses, these climbing forms produce a large crop of beautiful flowers in June, with a liberal scattering of blooms throughout the season. In pruning this class, cut out all small, thin wood, and cut the strong shoots back to prominent eyes.

Climbing Caroline Testout. A climbing form of the old favorite satiny-pink.

Climbing Belle Siebrecht. Identical with its parent, a brilliant imperial-pink color.

Climbing Kaiserin Augusta Victoria. The climbing form of this most popular white Rose; very free.

Climbing Lady Ashtown. The best of all the climbing Hybrid-Tea varieties. A plant in the most exposed part of our Nursery, with very little protection, has withstood the past six winters with only the longest branches cut by frost, producing not only an immense crop of its very large soft rose-colored flowers in June, but continuing to bloom almost without intermission until the end of the season. A Royal Rose that cannot be recommended too highly. \$1.25 each.

Price. Any of the above, except where noted, in strong, two-year-old plants, 75 cts. each; \$7.50 per doz. The set of 4 varieties for \$3.50.

TENDER CLIMBING, OR PILLAR ROSES

These are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses, or for outdoor culture in the South.

Gloire de Dijon. An old favorite; flowers blush with salmon shadings; a fine climber for a sheltered wall.

Marechal Neil. Superb; bright golden-yellow.

W. A. Richardson. A peculiar shade of orange-yellow.

White Banksia. White, small flowers; very fragrant.

Yellow Banksia. Yellow, small flowers; very fragrant.

Strong two-year-old plants, 75 cts. each; \$7.50 per doz.

One each of the 5 sorts for \$3.00.

MOSS ROSES

The beauty of the Moss Rose consists in the delicate mossy covering which surrounds the bud, and gives the opening flower a unique appearance. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

Blanche Moreau. Lovely large, pure white.

Comtesse de Murinais. Large, white, beautifully mossed.

Crested Moss. Rose color, beautifully crested.

Henry Martin. Fine crimson, very vigorous.

Princess Adelaide. Bright silvery rose; large.

Extra strong 2-year-old plants, 60 cts. each; \$6.00 per doz.

Set of 5 sorts, \$2.50.

HYBRID-TEA ROSES

This class of Roses is now the most popular for Garden culture. They combine the free-flowering qualities of the tender Tea Roses with their exquisite fragrance plus higher grade blooms, and are almost as hardy as the Hybrid-Perpetual type.

We offer a magnificent collection. (See pages 145 to 156.) And especially recommend the **Dreer Dozen** offered on page 151 and the **Peerless Collection** offered on page 152.



CLIMBING ROSE

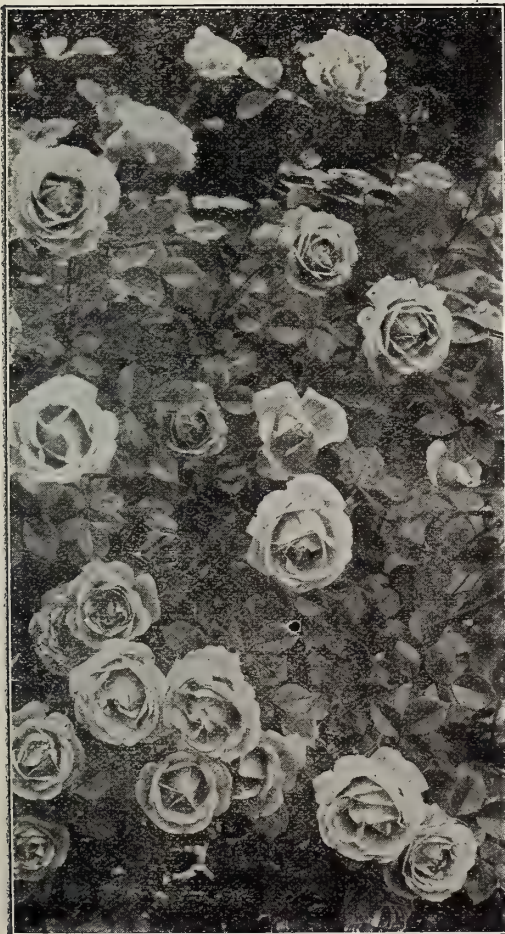
HARDY CLIMBING AND RAMBLER ROSES

We offer on this and the next page a selection of thirteen of the best modern Hardy Climbing and Rambler Roses.

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered; but a severe pruning in July, directly after they have finished flowering, is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

AMERICAN PILLAR

A single-flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten. (See cut.)



CLIMBING AMERICAN BEAUTY ROSE

AVIATEUR BLERIO T

(The New Yellow Rambler)

We have discarded the old yellow Rambler in favor of this new variety, in which we have a strong-growing plant with beautiful glossy, insect and disease-proof foliage, and bearing large clusters of medium-sized full double flowers of a saffron-yellow, deepening to an almost golden-yellow at the centre. (See cut on page 164.)

CLIMBING ROSE
AMERICAN PILLAR

CHRISTINE WRIGHT

A most exquisite Rose, of strong climbing habit. The flowers are double, from 3½ to 4 inches in diameter, borne singly and in clusters, of perfect form, beautiful in the bud and in the fully expanded flower; color a most refreshing bright wild-rose pink.

CLIMBING AMERICAN BEAUTY

Its name is somewhat misleading, but it is one of the best climbing Roses; a strong, healthy, vigorous grower, frequently making shoots from 10 to 12 feet long, and good-sized flowers for a climbing Rose that blooms so freely; color a pleasing rose-pink, of splendid form, good substance. (See cut.)

CRIMSON RAMBLER

This was the first of the Rambler Roses, and was introduced from Japan in 1894. It is too well known to require description. Everyone is familiar with its large clusters of crimson flowers.

DOROTHY PERKINS

Soft shell-pink, flowering profusely in large clusters; very fragrant and lasting; a grand Rose in every way. (See cut on page 164.)

DR. W. VAN FLEET

A Rose, which on account of its dainty color and exquisitely shaped buds and flowers, appeals to everyone. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting.

Price. Any of the above, in strong two-year-old plants, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.



HARDY CLIMBING AND RAMBLER ROSES

(Continued)

EXCELSA

A distinct variety in form, color and habit; vigorous in growth, with healthy dark glossy green foliage. The flowers are very double, produced in large trusses, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson maroon, the tips of the petals tinged with scarlet.

HIAWATHA

There is no other climbing Rose so brilliant as Hiawatha. A brilliant, ruby-carmine, with a clear white eye and a mass of golden stamens—a glowing combination of colors, which can be seen at a great distance.

LADY GAY

A most desirable variety of remarkable vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted pink. The effect of a plant in full bloom and the deep green of the foliage is, indeed charming.

SILVER MOON

Different from all other Roses, with beautiful semi-double flowers four and a half inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the centre adds to its attractiveness.

TAUSENDSCHOEN

Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses, each truss a veritable bouquet.

WHITE DOROTHY

Among Rambler Roses none has justly gained greater popularity than the beautiful pink Dorothy Perkins. The White Dorothy is a duplicate except in color.

Price. Any of the Hardy Climbing and Rambler Roses offered on this and the preceding page in strong two-year-old plants, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.

Special Offer

One each of the 13 Hardy Climbing and Rambler Roses for \$6.50



CLIMBING ROSE AVIATRUR BLERIOT (offered on page 163)

All Roses are supplied in strong two-year-old plants only



RAMBLER ROSE
DOROTHY PERKINS
(Offered on page 163)

DREER'S SELECT HARDY PERENNIAL PLANTS

A VIEW IN OUR NURSERY, WHERE WE GROW HARDY PERENNIAL PLANTS BY THE ACRE

OF all the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the **Old-fashioned Hardy Garden Flowers**, the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April, the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall, when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Chrysanthemums, Gaillardias, Gentians, Tritomas, etc.

Twenty years ago there were very few Hardy Perennial Borders outside of some large establishments where one or more professional gardeners were employed, who were familiar with the beauties of the hardy borders as found in almost every garden on the other side of the Atlantic, and who knew how to plan, and plant, and care for them. But a great change has taken place in this country within the last ten years, and there is now a steady and growing interest in this class of plants, and to-day almost everyone who is fortunate enough to have even a small garden devotes at least a part of it to hardy plants.

THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER

Frequent are the discussions and many are the ideas concerning their cultivation and the best method of arranging them in the garden. In arranging hardy flowers one should never forget the ways of Nature, choosing the flowers she uses in the positions she thinks most suitable, while endeavoring to conceal stiffness of arrangement by a careful study of her plans and the judicious use of the beautiful hardy plants at our disposal.

Situation.—There is no class of plants which lend themselves to such varied assortment of climatic or soil conditions, but the most effective position for Hardy Perennial plants in general is a good open border, backed by a hedge, a fence or trellis covered with Rambling Roses or any other hardy climbing vines, while some of the taller-growing sorts, such as Hollyhocks, Sunflowers, Rudbeckias, Boltonias, Bocconias, etc., are also very attractive when planted throughout a shrubby border, their showy flowers forming a bright contrast with the foliage of the shrubs throughout the summer and fall, when few of the latter are in bloom.

Soil and Planting.—Cultivation is of the simplest, beginning with any good garden soil as a foundation, which may be enriched with such fertilizers as well-decomposed manure, bone-meal, or sheep manure deeply dug and well pulverized. The best time to plant hardy plants is just when they are emerging into life after their season's rest, when the weather is favorable and the soil in condition, or they may be set out in the autumn.

Above all things avoid wet planting. Do not make the common mistake of overcrowding; give each plant sufficient room to allow it to develop to its full size. The nearest approach to a rule which may be followed in planting being to set out plants which grow to a height of 2 feet or less 12 inches apart, and all others space equal to one-half their height when developed. For example, Aquilegias and Gypsophila, which grow 2 feet high, may be planted 12 inches apart, while Delphinium formosum and Japanese Iris, which grow 3 feet high, should be 18 inches apart. Care should also be taken to blend the colors throughout the garden, so as to prevent too many of one shade of color coming together, causing jarring contrasts. The season of flowering of the different types should also be taken into account, and the different plants as evenly dispersed as possible in order to maintain an equality of flowering plants, leaving no portion of the garden bare or flowerless, nor crowding together too many that bloom at the same time.

The Making and Care of an Old-Fashioned Hardy Border.—*Continued*

Winter Care.—About the middle of November or later, when all the soft growth has been killed by the frost and the plants are thoroughly ripened, the old hard-wooded stems should be removed and burnt up. It will then be found beneficial to cover the plants with a top dressing of loose stable litter, or, if this is not to be had, a covering of leaves—Nature's protection. This covering is best applied when the ground is in a dry condition, and should not be overdone, two or three inches spread over loosely being all that is required. A deeper

Many not thoroughly familiar with this class of plants have an idea that nothing but a large field-grown clump will give satisfactory returns the first season. This, an experience has taught us, is in most instances a mistake. A vigorous plant of proper size will, in nearly every case, give quicker and better returns than the best so-called "field clumps." The majority of the stock offered in this catalogue is pot grown. This does not mean that the plants have been altogether pot-grown, but that they have been field-grown and dug and potted up during the fall months, and such stock can be planted, even late in the spring, with practically no loss, which, in the case of clumps, is often quite serious. The following letter from the well-known and successful amateur, W. C. Egan, endorses our views on this matter.

EGANDALE, ILL.

GENTLEMEN—Your shipment of perennials arrived safely to-day in most excellent order. It certainly is a pleasure as well as a profit, to receive plants from you. Your system of growing these in pots allows shipment without disturbing the roots, thus insuring uninterrupted growth and no loss in planting.

Respectfully yours,

W. C. EGAN.

DREER'S COLLECTIONS OF HARDY PERENNIAL PLANTS


The list of Hardy Perennial plants which we offer in our Garden Book is admitted to be the most complete and up-to-date collection in the country, and we are continually adding all the new rare and desirable sorts, both of home and foreign introduction, to our list.

While we are not in the landscape business and cannot undertake the preparation of plans for planting or laying out of grounds, we have had prepared by a competent landscape architect a series of **Plans of Hardy Borders** with a list of suitable plants for positions either in sun or shade. We will be pleased to send a leaflet containing same free on application. We also offer customers who are not acquainted with the different sorts the following collections, all in good, strong roots, which when once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in autumn.

12 distinct species, our selection	\$2 00	50 distinct species and varieties, our selection.....	\$ 7 00
25 " " " "	4 00	100 " " " " " " "	12 00

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

DREER'S SELECT Hardy Perennial Plants

 All Plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

ACANTHUS (Bear's Breech)

Mollis Latifolius. A handsome decorative plant of stately effect, with deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide, either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect, producing 3 feet high spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian columns is said to have been suggested by the leaf of this plant. 35 cts. each; \$3.50 per doz.

ACHILLEA (Milfoil or Yarrow)

Eupatorium (*Fern-leaved Yarrow*). Neat, finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

Millefolium Roseum (*Rosy Milfoil*). Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer.

Ptarmica Fl. Pl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value. (See cut.)

— **Boule de Neige** (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centres, which makes it appear purer in color.

Tomentosa (*Woolly Yarrow*). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.
One each of the 5 varieties for \$1.00.



ACHILLEA PTARMICA "THE PEARL"

ÆGOPODIUM (Bishop's Weed)

Podagraria Variegata. A rapid-growing plant, with neat green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground; 1 foot. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



AGROSTEMMA CORONARIA

ACONITUM (Monkshood or Helmet Flower)

All the varieties offered form bushy clumps, and grow about 4 feet high; invaluable for planting under trees or in shady or semi-shady positions.

Napellus. Large, dark blue flowers; August to September.

Fischeri. A dwarf variety growing 18 inches high, with very large, pale blue flowers in September and October.

Sparks' Variety. The darkest blue of all; flowers in June.

Wilsoni. A recent introduction from Northern China, of strong, stately habit, growing 5 to 6 feet high, with large light violet-blue flower in September. 50 cts. each; \$5.00 per doz.

Price, except where noted, 35 cts. each; \$3.50 per doz.; \$18.00 per 100.
Set of 4 varieties, \$1.25.

ADONIS (Bird's Eye)

One of the choicest of early spring-flowering plants; about 12 inches high, with finely-cut, ornamental foliage; effective on rock work or in the border. The two varieties offered are from Japan, of strong growth, and come into bloom fully two weeks earlier than any other hardy plant in our collection

Amurensis. Large, single yellow flowers.

Amurensis Fl. Pl. Large, double yellow flowers.
50 cts. each; \$5.00 per doz.

AGROSTEMMA (Rose Campion)

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers; which are produced during June and July.

Coronaria (*Mullein Pink*). Bright rosy-crimson; 2½ to 3 feet.

— **Alba.** A pure white variety.

Flos Jovis (*Flower of Jove*). Deep pink flowers on 12-inch high stems.
25 cts. each; \$2.50 per doz.; \$15.00 per 100.

AJUGA (Bugle)

Reptans rubra. A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow; large spikes of purplish-blue flowers in May. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ALYSSUM (Mad-wort)

Rostratum. Bright golden-yellow flowers in June and July; 1 foot.

Saxatile Compactum (*Basket of Gold, Gold Tuft, Rockmadwort.*)

An indispensable plant for the rockery or border, growing 1 foot high, and producing in May masses of broad, flat heads of bright yellow flowers.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

AMSONIA

Salicifolius. A stout shrub-like plant growing about 2 feet high, with terminal spikes of light steel-blue flowers, desirable to intersperse in clumps in the front row of the shrubbery border.

Tabernæmontana. Similar to above in habit of growth, but with light blue flowers.

25 cts. each; \$2.50 per doz.

Anchusa**Myosotidiflora**

A distinct new species from the Caucasian mountains, growing but 10 to 12 inches high, producing during April and May sprays of beautiful Forget-me-not-like flowers of rich blue. 35 cts. each; \$3.50 per doz.



ANCHUSA ITALICA, DROPMORE VARIETY



AMSONIA



ALYSSUM SAXATILE COMPACTUM, ON ROCKERY

ANCHUSA ITALICA

(The Improved Italian Alkanet or Bugloss)

Although introduced only a few years ago the two Anchusas offered below have become very popular. The rich blue tones of their flowers fill a vacancy in this color, of which there is never a superabundance, particularly during their flowering period, which covers the months of May and June. They form much-branched specimens 3 to 5 feet high, each branch terminated by a large, pyramidal, graceful spike of blue flowers, and while the habit of the plant is strong and vigorous it is not at all coarse. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border.

Dropmore Variety. Rich gentian blue.

Opal. A splendid lustrous light blue.

35 cts. each; \$3.50 per doz.; \$18.00 per 100.

ANEMONES (Windflowers)

Pennsylvanica (*Pennsylvania Windflower*). The prettiest of our native Windflowers, growing 12 to 15 inches high, and producing its large white flowers in the greatest profusion from June to August; an excellent plant either for the border or the rockery, and succeeds equally well in sun or shade.

Pulsatilla (*Pasque Flower*). Grows from 9 to 12 inches high, and produces violet or purple flowers during April or May. An interesting plant for the rockery or well-drained border.

Sylvestris (*Snowdrop Windflower*). Large, cup-shaped, pure white flowers, on clean stems, held well above the neat, handsomely cut foliage; one of the most satisfactory plants for the border, and equally at home in partial shade.

Price. Any of the above, 25 cts. each; \$2.50 per doz.



JAPANESE ANEMONE

ANEMONE JAPONICA

(Japanese Windflower)

These beautiful Windflowers are one of the most important hardy plants. While they begin blooming in August they are more especially valuable on account of their continuing in full beauty till cut down by hard frost. All are excellent for cutting, lasting in good condition for many days. The plants grow 2 to 3 feet high, are perfectly hardy if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten during the late fall months.

Japonica Alba. Large, snowy-white; very chaste.

Japonica Rubra. Beautiful rosy-red; stamens bright yellow.

Queen Charlotte. Very large semi-double flowers of La France pink, a color that is rare among hardy plants.

Rosea Superba. Flowers of medium size, of a delicate silvery-rose.

Whirlwind. Large, semi-double pure white flowers, very free.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of the 5 sorts for \$1.00.

New Anemone "Hupehensis"

An introduction from Central China, closely allied to Anemone Japonica which, in a miniature way, it closely resembles. The plants grow from 10 to 12 inches high and from early in August until late in Autumn, produce an abundance of flowers, about 1½ inches in diameter, of a pleasing pale mauve-rose. 25 cts. each; \$2.50 per doz.

AQUILEGIAS, OR COLUMBINES

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage, and should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

Dreer's Long-spurred Hybrids. This is the most admired type of Columbines. They have been produced from the strains of several famous hybridizers and are much superior to the usual grade. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only.

Canadensis (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

Chrysantha (*Golden Columbine*). Bright yellow long-spurred flowers.

Cœrulea (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

Flabellata Nana Alba. A dwarf growing, pure white.

Helenæ. Large blue flowers and wide expanded white corolla.

Skinneri (*Mexican Columbine*). Yellow with long orange-red spurs.

Vulgaris (*Common European Columbine*). Violet-blue. A strong, vigorous grower.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 8 sorts for \$1.75.



AQUILEGIA, OR COLUMBINE

We are the largest growers of Hardy Perennial Plants in this country



ARTEMISIA LACTIFLORA



ARABIS ALPINA

ANTHEMIS (Marguerite)

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials, succeeding in the poorest soil; of bushy habit, growing about 15 inches high, and producing its large golden-yellow, daisy-like flowers continuously during the entire summer.

— **Alba.** Creamy-white flowers with yellow centre.

— **Pallida.** Light canary-yellow.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ANTHERICUM

Liliago (St. Bernard's Lily). A pretty species, bearing spikes of white flowers 18 inches high during May and June. 25 cts. each; \$2.50 per doz.

ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery. (See cut.)

Lauchean Rosea. Bright rose.

— **Alba.** White.

Price. Either of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ARABIS (Rock Cress)

pina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. It is nice for cutting, and lasts for a long time in bloom.

— **Rosea.** A new delicate rose-tinted variety
25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ARTEMISIA LACTIFLORA

Unlike the other varieties offered, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems $3\frac{1}{2}$ to $4\frac{1}{2}$ feet high, clothed with elegantly cut dark green foliage and terminated by panicles of Hawthorn-scented creamy-white Spiræa-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account, being unlike any other plant in bloom at that time. (See cut.) 35 cts. each; \$3.50 per doz.; \$18.00 per 100

ARTEMISIA

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of the new variety Lactiflora they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental. All the varieties offered stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

Abrotanum (Old Man, or Southern-wood) Dark green, finely cut foliage, with pleasant aromatic odor, 2 feet.

Pedemontana. A handsome variety with finely cut silvery foliage

Stelleriana (Old Woman).

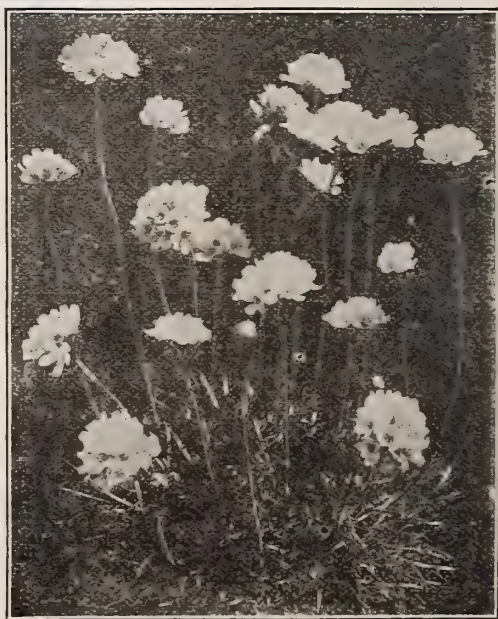
Deeply-cut silvery foliage; much used in carpet bedding; 18 inches

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ASCLEPIAS

(Butterfly Weed)

Tuberosa. Very showy native plants, about $2\frac{1}{2}$ feet high, producing their flowers of brilliant orange-scarlet during July and August. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



ARMERIA

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

SUMMER-FLOWERING HARDY ASTERS

The following grow from 12 to 15 inches high and produce their showy flowers during July and August. Their free-flowering habit and compact growth make them most desirable subjects for the front of the mixed border.

Amellus Beauty of Ronsdorf. Of a tender lilac-rose, perfect in form and entirely distinct.

— **Perry's Favorite.** A most distinct bright, clear rose.

— **Preziosa.** A fine deep violet-blue.

Brachytrichus. Very free and in bloom until late in September; graceful, bright silvery-mauve flowers.

Price. Any of the above, 35 cts. each; \$3.50 per doz.

One each of the 4 sorts for \$1.00

New or Scarce Hardy Asters

Abendrothe. Very effective rosy-red flowers. 2½ feet.

Feltham Blue. One of the most decorative free-flowering blue varieties, a pretty shade of aniline blue, produced on freely branched plants during August and September; 2½ feet high.

Glory of Colwall. A splendid improvement on the variety Beauty of Colwall, with good-sized, nearly double, ageratum-blue flowers, remarkably free flowering; 2½ feet. September and October.

Novi Belgii Climax. In this splendid new variety we have the most important addition to Michaelmas Daisies yet made, and we believe the forerunner of a distinct type. The plant is of strong, vigorous habit, over 5 feet high, fully one-half of which consists of much-branched pyramidal-shaped flower stems filled with light lavender-blue flowers, each 1½ inches or more in diameter. It blooms from the latter part of August until the middle of October.

— **White Climax.** A counterpart of the above with pure white flowers; 5 feet.

Price. Any of the above, 35 cts. each; \$3.50 per doz. Set of 5 sorts for \$1.50.



ASTER AMELLUS



NEW HARDY ASTER NOVI BELGII CLIMAX

FALL-FLOWERING HARDY ASTERS

(Michaelmas Daisies, or Starworts)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses of one color. They grow freely in any soil. The collection offered below is made up of the choicest varieties only, the weedy sorts being eliminated.

Chapmani. Very graceful sprays of light Ageratum-blue; 4 to 5 feet.

Formosissimus. Bright violet; 3 feet.

Lævis floribunda. Light heliotrope; 4 feet.

Novæ anglæ. Bright violet purple; 4 feet.

— **Lil Fardell.** Bright mauve; 4 feet.

— **Roseus.** Bright purplish mauve; 4 feet.

Novi-Belgii, The Queen. A splendid large bluish-white; 4 to 5 feet.

Puniceus Pulcherrimus. Blue-tinted white; 4 feet.

Robert Parker. Pale heliotrope; 4 feet.

Snowflake. Very free, pure white; 18 inches.

Tataricus. Distinct large bluish-violet; very late; 6 feet.

Top Sawyer. Clear parma-violet color; 4 feet.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 12 varieties for \$2.50.

DWARF ALPINE ASTERS

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large showy bluish-purple flowers in May and June.

— **Albus.** Identical to the above, but with pure white flowers.

Sub-coeruleus. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter.

Price, 25 cts. each; \$2.50 per doz. Set of 3 sorts, 65 cts.



ASTILBE ARENDSI

ASTILBE ARENDSI

This new type is the result of crossing *A. Davidi* with *A. Japonica compacta*, *astilboides* and *Thunbergi*. The plants are of very vigorous growth, 2½ to 3½ feet high, producing many-branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil. (See cut.)

Ceres. Delicate light rose-colored flowers with peculiar silvery sheen.

Salmon Queen. Graceful panicles of a beautiful salmon pink.

Venus. Similar to Ceres, but of bright, deep violet-rose color.

Vesta. Very graceful plumes of light lilac-rose.

White Pearl. Pearly-white flowers.

Price. Any of the above, 35 cts. each. One of each of the 5 sorts for \$1.50.

Choice Mixed Arendsi Seedlings, 30 cts. each; \$3.00 per doz.

BAPTISIA (False Indigo)

Australis. A strong-growing plant, about 2 feet high; suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark-blue flowers in June.

Tinctoria. Spikes of bright yellow flowers in June; 2 to 2½ feet. 25 cts. each; \$2.50 per doz.

BELLIS PERENNIS (English Daisy)

Improved double-flowering, white and pink. 15 cts. each; \$1.50 per doz; \$10.00 per 100.

BLETIA

Hyacinthina. A terrestrial Orchid from China, with grass-like foliage and terminal racemes of showy rosy-pink flowers; grows about a foot high and succeeds best in a damp, shady position; requires the protection of a cold frame in winter. 50 cts. each; \$5.00 per doz.

BOCCONIA (Plume Poppy, or Tree Celandine)

Cordata. A noble, hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubby borders, centre of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Japanese Double White Hardy Aster

This came to us unnamed from a Japanese nurseryman, and is entirely distinct from all other hardy Asters; the plants are of symmetrical habit, and grow about 2 feet high, and bear from July to September double white flowers not unlike the double white Feverfew. 30 cts. each; \$3.00 per doz.

ASTILBE

The varieties offered below are stately, hardy plants, and succeed best in rather heavy soil and where they will not suffer for lack of moisture.

Davidi. An important hardy plant. Its 5 to 6 feet high stems, which rise from a tuft of pretty dark-green foliage, are crowned with feathery plumes of deep rose-violet flowers during June and July.

Grandis. A grand species and a fine companion to *A. Davidi*, being of similar habit of growth, the panicles of white flowers frequently 2 to 2½ feet long; the foliage is much divided and attractive.

Either of the above, 35 cts. each; \$3.50 per doz.

NEW HYBRID ASTILBES

Hybrida Gruno. A splendid salmon-pink sort growing 4 feet high and producing light, graceful, spreading spikes of flowers, the finest pink Astilbe yet introduced. 50 cts. each.

Hybrida Moerheimi. A cross between *A. Davidi* and an unknown variety, with the strong, robust growth of the former, attaining a height of 5 to 6 feet. The well branched, erect spikes of flowers have a length of over two feet and are of a beautiful creamy-white. The originator and introducer, a prominent Holland grower, was awarded a first-class certificate for this novelty by the Royal Horticultural Society of Holland and considers this plant the most important hardy perennial introduced in many years. Strong plants, 50 cts. each.

Hybrida Salland. This is also a cross, with *A. Davidi* as one of its parents, which it resembles in habit of growth, only much more vigorous, growing over 6 feet high and with flowers of a distinct red color, different from all others. 50 cts. each.



BOCCONIA CORDATA

BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants with large, single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect. (See cut.)

Asteroides. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender; 4 to 6 feet.

— **Nana.** Similar to the type, but growing only 2 feet high.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CALTHA (Marsh Marigold)

Effective Hardy Perennials, of much value in marshy places and by the side of streams and ponds; grow about a foot high and bloom in early spring.

Palustris. Single bright yellow flowers. 25 cts. each; \$2.50 per doz.

Palustris Fl. Pl. Double-flowering. 35 cts. each; \$3.50 per doz.

Palustris Semiplena. A new semi-double form, and an improvement on both the single and double-flowered varieties. 35 cts. each; \$3.50 per doz.

CAMPANULAS, OR BELLFLOWERS

Indispensable, hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants, suitable for edging, rockwork, etc. They like a good, rich soil, and last much longer in bloom if planted in a half shady place. All of the taller growing kinds should be staked to prevent injury from high winds.

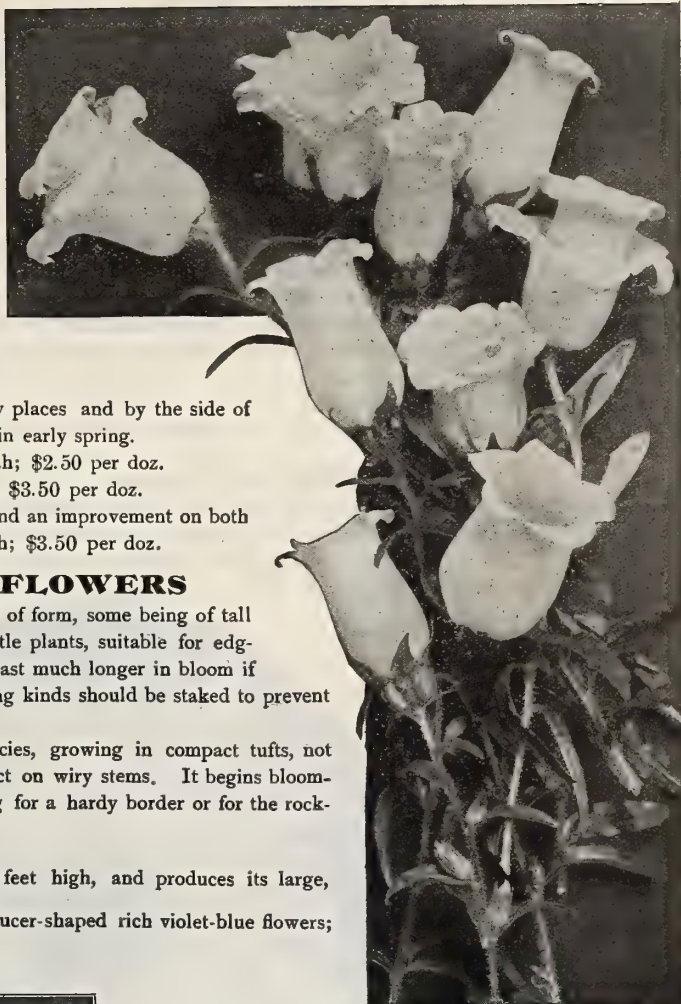
Carpatica (*Carpathian Harebell*). A pretty species, growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

— **Alba.** The white flowered form of above.

Glomerata Superba (New). Grows from 1½ to 2 feet high, and produces its large, showy violet-blue flowers from June to August.

Grandis (*Great Bellflower*). Very showy, large saucer-shaped rich violet-blue flowers; May and June; 18 inches.

— **Alba.** Identical to above, but with white flowers.



CAMPANULA MEDIUM
(Canterbury Bells)

Grossekl. Produces its dark-blue flowers all summer; 2 feet.
Lactiflora Cœrulea. Pale blue flowers during July and August; 2½ feet.

Latifolia Macanthra. Large purplish-blue flowers; May and June; 3 feet.

Medium (*Canterbury Bells*). We can supply this popular old-fashioned favorite in a choice strain of mixed colors.

Punctata. Large nodding bell-shaped flowers, white spotted purplish-rose.

Pyramidalis (*Chimney Bell-flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like porcelain-blue flowers in August.

Rotundifolia (*Blue Bells of Scotland*). This is the true Hare-bell, with beautiful clear blue flowers from June to August; 1 foot.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 12 varieties, \$2.50.

HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed supplied by a specialist in this popular flower. We supply strong plants that will furnish an abundance of flowers this season. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



BOLTONIA

CARYOPTERIS

Mastacanthus (*Blue Spiraea*). A handsome Hardy Perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of the branches. A valuable plant either for bedding or pot culture, blooming continuously from early in September until cut by frost. (See cut.) 25 cts each; \$2.50 per doz.; \$15.00 per 100.

CENTAUREA (Hardheads or Knapweed)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

Hirta nigra variegata (*Variegated Button Weed*). Variegated green and gold foliage, and during July and August purple flowers; 2 feet.

Dealbata. Distinct bright rose-colored flowers; July to September; 18 inches.

Montana (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet blue flowers from July to September.

—**Alba**. Large white variety of the above.

25 cts. each; \$2.50 per doz. Set of 4 sorts, 85 cts.

CERASTIUM (Snow in Summer)

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June, suitable for the rockery, or for carpeting dry, sunny spots, or for covering graves; can also be used with good effect in carpet bedding. 25 cts. each; \$2.50 per doz.; \$16.00 per 100.

CHELONE (Shell Flower)

Stately and handsome perennials, growing about 2 feet high, and bearing numerous spikes of large flower heads during the summer and fall.

Glabra alba. Terminal spikes of creamy-white flowers.

Lyoni. Heads of showy purplish-red flowers.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Plans of Hardy Borders

Leaflet showing plans and list of plants for filling same free on request.



CARYOPTERIS MASTACANTHUS

HARDY CHRYSANTHEMUMS

(Shasta Daisy, Etc.)

Arcticum (*The Arctic Daisy*). Among fall-flowering perennials, this is a perfect gem. It forms an attractive rosette-like clump of pretty dark-green foliage, and in September multitudes of flower stems appear, terminated by pure white flowers from 2 to 2½ inches in diameter.

These begin to develop during the last week in September, and continue in good condition throughout October, and frequently into November.

Nipponicum. A Japanese species, grows 2 feet high with thick foliage, and large, pure white flowers in September and October.

Shasta Daisy "Alaska." A decided improvement on the original; with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. (See cut.)

Price, any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Old-Fashioned Large-Flowering Hardy Chrysanthemums

We offer below 5 fine large-flowering varieties, which have proved absolutely hardy in this latitude, having withstood a number of severe winters without injury, and which will be found useful for garden decoration.

Autumn Glow. Rose-crimson.

Indian. Indian-red.

Golden Queen. Yellow.

Old Homestead. Pink.

Victory. White.

20 cts. each; \$2.00 per doz.; \$12.00 per 100. The set of 5 for 75 cts.

CHRYSANTHEMUM
SHASTA DAISY ALASKA

CENTAUREA MONTANA



A GROUP OF GARDEN CHRYSANTHEMUMS

DREER'S GARDEN**CHRYSANTHEMUMS**

These are now universally popular for outdoor bedding, and, considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it still frequently happens that an armful of flowers can be cut late in November. They are quite hardy if planted in a well-drained position, and, with a good covering of leaves or litter during the winter, will take care of themselves.

The constantly increasing demand has induced us to try out an extensive collection, from which we have selected and offer the twenty-five most dependable varieties.

Baby. Clear, bright yellow, very small button.

Baldwin's Scarlet. Bright orange-scarlet, free and early, large button.

Boston. Aster-flowered, golden-bronze.

Brown Bessie. Deep bronze, aster-flowered.

Etoile d'Or. Aster-flowered, yellow.

Globe d'Or. Lemon-yellow, with darker shadings, aster-flowered.

Golden Climax. Golden-yellow, button.

Golden Pheasant. Small rich golden-yellow.

Julia Lagravere. Rich garnet, aster-flowered.

Klondike. A beautiful yellow button.

Lilian Doty. Large tall growing incurved pink.

Little Dot. Very early, small mahogany-crimson.

Lucifer. Large bright ox-blood red.

Minta. An exquisite, delicate pink, medium sized, button form.

Model of Perfection. Perfect button form, white.

Mrs. F. H. Bergen. Creamy-white, with rosy-pink centre.

Mrs. Roberts. A splendid pink.

Rhoda. Rosy-pink, button.

Rosinante. Large button-formed, blush-rose.

Sir Michael. Light yellow, button.

Soleil d'Or. A fine golden-yellow.

St. Illoria. Silvery-rose, aster-flowered.

Viola. Large button, violet-red.

White Doty. The counterpart of Lilian Doty, but pure white.

Zenobia. Early, free, yellow, button.

Price. Any of the above, 20 cts. each; \$2.00 per doz.
\$12.00 per 100.

CIMICIFUGA (Snake Root)

Acerina or Japonica. A pretty Japanese variety with white flowers; August and September; excellent for cutting; 2½ feet.

Dahurica. Large cylindrical spikes of creamy-white flowers in September; 3½ feet.

Racemosa. A handsome native species bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border, or for naturalizing at the edge of the woods; 4 to 6 feet.

Price. 30 cts. each; \$3.00 per doz. Sets of 3 sorts for 75 cts.

CLAYTONIA (Spring Beauty)

Virginica. A low-growing, early spring-flowering native plant, producing clusters of light pink flowers. Succeeds best in a half-shady spot on the rocky. 15 cts. each; \$1.50 per doz.

SHRUBBY CLEMATIS

This type of Clematis is deserving of the greatest popularity. They form erect bushes 2 to 3 feet high. During their long period of bloom they are very attractive.

Davidiana. A most desirable variety, with fresh, bright green foliage and tubular bell-shaped flowers of deep lavender-blue during August and September; deliciously fragrant.

Heracleæfolia. Of the same general habit as above, but with lighter colored flowers.

Recta. One of the best hardy perennials, with handsome pure white flowers in very large showy clusters during June and July; very effective.

Price. Any of the above, 25 cts. each; \$2.50 per doz.



CLEMATIS DAVIDIANA

CONVALLARIA (Lily of the Valley)

Majalis. This is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated, and if the bed is given a liberal top-dressing of well-decayed manure in fall or early spring it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

COREOPSIS

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn. It succeeds everywhere; 2 to 3 feet.

Rosea. Finely-divided, dark-green foliage, bearing in August and September numerous small pink flowers; useful in border or rockery; 1 foot.

Verticillata. Masses of small golden-yellow flowers in July and August, on neat plants with finely divided foliage.

Price. Any of the above, 25 cts. each;
\$2.50 per doz.; \$15.00 per 100.

CORONILLA (Crown Vetch)

Varia. A rampant creeper, with handsome globular heads of showy bright, pink and white Sweet Pea-shaped flowers; a useful plant for covering rough banks or for the rockery. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



GOLD MEDAL HYBRID DELPHINIUMS



COREOPSIS LANCEOLATA GRANDIFLORA

**DELPHINIUMS or
HARDY LARKSPURS**

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"Perennial Larkspur may be planted as soon as the spring has opened. The ground should be well-drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late autumn coal-ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy. The stalks being very tender, the plants should be staked when they are about three feet high, to protect them from heavy wind. Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed. Each time the plants are cut a little bone meal should be dug about them."

Belladonna. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense genetian-blue flowers in open panicles.

— **Album.** A pure white form of the above.

Formosum. The old favorite dark blue with white centre; 3 to 4 feet high. Very vigorous, and one of the best.

Dreer's Gold Medal Hybrids. Unquestionably the finest strain of mixed hybrids offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only.

Price. Any of the above, 25 cts. each;
\$2.50 per doz.; \$15.00 per 100.



DICTAMNUS

DIANTHUS (Pinks)

Deltoides (*Maiden Pink*). A charming creeping variety, with medium-sized pink flowers in June and July; especially suited for the rock garden.

— **Alba**. A pretty white-flowered form.

Latifolius atrococcineus Fl.

Pl. (*Ever-blooming Hybrid Sweet William*). A beautiful summer bedding variety, producing masses of brilliant fiery crimson double flowers throughout the entire season.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

See also *Hardy Garden Pinks*, page 195, and *Sweet William*, page 202.

DICTAMNUS (Gas Plant)

A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July, giving off on warm, sultry evenings a fragrant volatile oil, which ignites when a match is applied to the stem directly under the head of the flowers. They require a heavy, strong soil and an open sunny position. It is not advisable to transplant often, as they improve with age, it being one of the most permanent features of the hardy herbaceous border. Instances are known where this plant has outlived father, son and grandson in the same spot. (See cut.)

Fraxinella. Showy rosy-pink flowers, with deeper veins.

— **Alba**. Pure white.

Price, either of the above, 35 cts. each; \$3.50 per doz.; \$18.00 per 100.

DIELYTRA, or DICENTRA

Spectabilis (*Bleeding Heart, or Seal Flower*). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. May; 2 feet.

Formosa (*Plumy Bleeding Heart*). A dwarf-growing species, with finely-cut ornamental foliage, growing about 15 inches high, and producing its showy pink flowers from April to August.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DIGITALIS (Foxglove)

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flowerstalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

Gloxiniæflora (*Gloxinia-flowered Foxglove*). A beautiful strain of finely-spotted varieties. We offer them in *White, Purple, Rose or Mixed*.

Lanata. A distinct species, producing dense spikes 2 to 3 feet high, of odd-looking flowers, the corolla being gray, the lip creamy-white.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 4 colors, 85 cts.

DORONICUM (Leopard's Bane)

One of the most effective very early spring flowering perennials. If placed in pots in the fall they can readily be forced into flower during the winter months in the conservatory or winter garden. There are many who have only seen this as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. It is also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning, to the surprise and delight of the possessor. They succeed everywhere, and should have a place in every garden.

Caucasicum. Bright yellow flowers about 2 inches across; 18 inches.

Excelsum. Large orange-yellow; 3½ inches across; 24 to 36 inches.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



DIANTHUS LATIFOLIUS ATROCOCCEUS, FL. PL.



DIGITALIS (Foxglove)



ECHINOPS

ECHINOPS

(Globe Thistle)

Ritro. Interesting and showy thistle-like plants with globular heads of deep metallic blue flowers, which can be dried and remain attractive for a long time; 2 to 3 feet. 25 cts. each; \$2.50 per doz.

Sphærocephalus. Large heads of bluish-white attractive flowers. 25 cts. each; \$2.50 per doz.

EPIMEDIUM

(Barren-wort, Bishop's Hat)

Dwarf-growing plants, 8 to 10 inches high, with leathery foliage and panicles of interesting flowers; the foliage of all the varieties offered below assumes the most beautiful tints of color in autumn.

Mushianum Rubrum. Rosy red.

Niveum. Dwarf, early, pure white.

Sulphureum. Sulphur-yellow.

Violacea. Rich violet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 4 sorts, 85 cts.

ERYNGIUM

(Sea Holly)

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubby border, woodlands, wild gardens, etc.; the flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. A most ornamental plant. (See cut.) 25 cts. each; \$2.50 per doz.



ERYNGIUM AMETHYSTINUM

EUPATORIUM

Ageratoides (*Thorough wort*). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting; August and September.

Cælestinum. A pretty hardy plant, with light blue flowers similar to the *Ageratum*; in flower from August until frost. 18 to 24 inches.

Purpureum Maculatum (*Joe Pye Weed*). A deeply colored form of the purple Joe Pye Weed, a common native plant; useful in low ground.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

EUPHORBIA

(Milk Wort)

Corollata (*Flowering Spurge*). A most showy and useful native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers, with a small green eye; desirable for cutting.

Cyparissias. Grows from 10 to 12 inches high, and forms neat clumps with Cypress-like foliage, and during the month of May showy trusses of bright yellow flower-like bracts; very effective even when out of bloom.

25 cts. each; \$2.50 per doz.

\$15.00 per 100.

Little Gem Feverfew

(Matricaria)

A most useful border plant and valuable summer cut flower, with large double-white flowers; June until October; 18 to 24 inches high. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Plans of Hardy Borders

We have prepared a leaflet showing several plans of Hardy Borders with list of plants to fill same in positions either in sun or shade. Copies free on request.



EUPATORIUM AGERATOIDES AND CAELESTINUM

CHOICE HARDY FERNS

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position in rich well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leaf-mould, peat or other loose material to make it friable.

Varieties marked * require a shady position. Those marked † succeed in the sun or half-shade. We give after each variety the average height of growth in inches.

- * *Adiantum Pedatum* (*Hardy Maidenhair*). 8 to 12 in.
- * *Aspidium Acrostichoides* (*Wood Fern*). 12 in.
- * — *Marginale* (*Evergreen Wood Fern*). 12 to 24 in.
- * — *Goldieanum* (*Shield Fern*). 24 to 36 in.
- * — *Spinulosum*. 12 to 15 in.
- * *Asplenium Filix-fœmina*. 10 to 12 in.
- † — *Multifidum*. 12 to 15 in.
- * — — *Plumosa*. 12 to 15 in.
- * — — *Pulcherrimum*. 12 to 15 in.
- † — *Setigerum*. 15 to 18 in.
- * — *Cragi Laciniatum*. 15 to 18 in.
- * — *Goringianum Pictum*. 10 to 15 in.
- * — *Thelypteris*. 15 to 18 in.
- † *Dicksonia Punctilobula* (*Gossamer Fern*). 24 to 36 in.
- * *Lastrea Chrysoloba*. 12 in.
- † — *Pseudo-mas Cristata*. 12 to 15 in.
- † — *Filix-mas* (*Male Fern*). 18 to 24 in.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 30 sorts, \$6.50.



A GROUP OF HARDY FERNS

- * *Lastrea Dilitata Cristata*. 18 in. 50 cts. each.
- * — *Lepidota Polydactyla*. 18 in. 75 cts. each.
- * — *Propingua*. 15 to 18 in.
- * — *Fluctuosa*. 12 to 15 in.
- † *Onoclea Struthiopteris* (*Ostrich Fern*). 24 to 36 in.
- † *Osmunda Claytonia* (*Flowering Fern*). 24 in. 35 cts. each.
- † — *Cinnamomea* (*Cinnamon Fern*). 24 in. 35 cts. each.
- † — *Regalis* (*Royal Fern*). 24 to 36 in. 35 cts. each.
- * *Phegopteris Hexagonoptera*. 10 to 12 in.
- † *Polystichum Braunl*. 12 to 15 in.
- † — *Setosum*. 12 in.
- * *Scolopendrium Officinatum* (*Hart's Tongue*). 12 in. 50 cts. each.
- * — *Undulatum*. 12 in. 50 cts. each.

FUNKIA (Plantain Lily)

The Plantain Lilies are among the easiest plants to manage; their broad massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.



FUNKIA SUBCORDATA GRANDIFLORA

- Cœrulea*. Blue, broad green leaves; June; 4 feet.
 - Fortunei*. Large glaucous green foliage, lilac colored flowers; 2 feet. 35 cts. each; \$3.50 per doz.
 - Fortunei Gigantea*. A new variety, a cross between Sieboldiana and Fortunei, combining the very large, attractive foliage of the former with the rich glaucous coloring of the latter. A strong, vigorous grower, with large, lilac-colored flowers. A fine ornamental border plant; July; 2½ feet. 35 cts. each; \$3.50 per doz.
 - Minor Alba*. This is a perfect little gem, growing from 12 to 15 inches high with nice clean cut, green foliage and comparatively large pure white flowers, suggesting a giant form of the St. Bruno's Lily; these are produced very freely during July.
 - Lanceolata*. Valuable by reason of its late flowering, lilac flowers in September; 2 feet.
 - Robusta elegans variegata*. The most robust of all the variegated-leaved varieties; foliage large, green, with pretty white variegations; July; 2½ feet.
 - Subcordata Grandiflora*. Very large, pure white, lily-shaped, fragrant flowers in August and September; 2½ to 3 feet.
 - Undulata media picta*. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.
- Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 8 varieties for \$2.00.

GAILLARDIA (Blanket Flower)

Grandiflora. One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June; they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark-red brown, while the petals are marked with rings of brilliant crimson, orange and vermillion, and often a combination of all in one flower; excellent for cutting. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

GENTIANA

Andrewsii (*Blue Gentian*). A pretty native species, growing about 2 feet high; flowers fine blue; in August. 25 cts. each; \$2.50 per doz.

GERANIUM (Crane's Bill)

Fremonti. Large attractive foliage and rosy-purple flowers; 2 feet.

Grandiflorum. Pale lilac-blue flowers; 1 foot.

Platypetalum. Large rosy-purple flowers in June; 1½ feet.

Sanguineum. A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches.

— **Album.** Pure white variety of above.

Price. 25 cts. each; \$2.50 per doz. Set of 5 sorts, \$1.00.

GEUM (Avens)

Pretty border plants, growing about 15 inches high; and producing showy, bright-colored flowers from May to July.

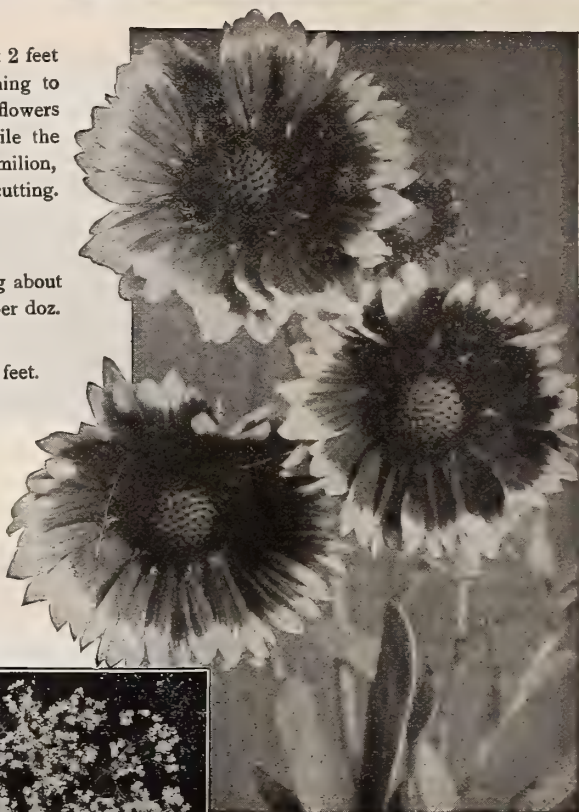
Coccineum. Brilliant scarlet flowers.

Heldreichi. Rich orange-colored flowers, very free.

Miniatum, Perry's Variety. A splendid improvement on this brilliant rich orange-colored variety, and one of the earliest perennials to flower in spring. 50 cts. each.

Mrs. Bradshaw. Large double brilliant scarlet; in flower throughout the entire summer.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



GAILLARDIA GRANDIFLORA

Gillenia (Bowman's Root)

Trifoliata. A strong-growing perennial; admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers, tinged with pink; July; 3 feet. 25 cts. each; \$2.50 per doz.

**GLECHOMA, OR
NEPETA**

Variegata (*Variegated Groundsel, or Ground Ivy.*) A most useful variegated creeper for growing over banks and stones in the rockery. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

GYPHOPHILA (Baby's Breath)

The Gypsophilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden.

Paniculata. A beautiful old-fashioned plant, possessing a grace not found in any other perennial. When in bloom during July and August it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Repens. An elegant trailing plant for the rockery, with clouds of small white flowers in July and August. 25 cts. each; \$2.50 per doz.

PLANS OF HARDY BORDERS

We have a leaflet showing several plans of Hardy Borders and list of plants to fill same. Copy free on request.



GYPHOPHILA PANICULATA



GEUM



AN EFFECTIVE BED OF ORNAMENTAL GRASSES

Hardy Ornamental Grasses

The ornamental grasses can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large, round beds, with ornamental Grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarf flowering plants near the margin. The tallest of the Grasses is the Giant Reed (*Arundo Donax*). A small plant will soon establish itself and grow from 12 to 20 feet in height. In large, round beds this is the best of all the species for the central position. A less hardy form has variegated leaves growing 8 to 10 feet in height. It keeps its color well throughout the summer months. The hardy Pampas (*Erianthus Ravennæ*) comes next in height to the green-leaved *Arundo*. It is not far behind the gorgeous Pampas (*Gynerium*) when in bloom. It attains a height of 10 to 12 feet under ordinary conditions. All of the Grasses, but especially the *Arundo* and *Erianthus*, do best when given a heavy soil, enriched with manure and an abundant supply of water. *Eulalia Japonica Variegata* and *Zebrina* are probably the handsomest of the variegated Grasses, growing 6 feet high, and as much in diameter; the variety *E. Gracillima Univittata* is a narrow-leaved species, with a light band down the centre of each leaf. Among the small-growing kinds, for a dwarf tufted border, *Festuca Glauca* has no equal.

***Arrhenatherum bulbosum variegatum*.** A pretty dwarf tufted Grass; leaves green and white; 6 to 8 inches. 25 cts. each; \$2.50 per doz.

***Arundo Donax* (*Great Reed*).** A magnificent variety growing to a height of 20 feet. 35 cts. each; \$3.50 per doz.

— ***Variegata*.** A beautiful variegated form. Foliage white and green; 8 to 10 feet. 35 cts. each; \$3.50 per doz.

***Elymus Glaucus* (*Blue Lyme Grass*).** A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 2 feet. 35 cts. each; \$3.50 per doz.

***Erianthus Ravennæ* (*Plume Grass or Hardy Pampas*).** Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It closely resembles the Pampas Grass. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Gracillima Univittata* (*Japan Rush*).** Of graceful habit, with very narrow foliage; of a bright green color, with a silvery midrib; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Japonica*.** Has long narrow, graceful green foliage, and when in flower the attractive plumes are 6 to 7 feet high. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Japonica Variegata*.** Very ornamental; long, narrow leaves, striped green, white and often pink or yellow. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Japonica Zebrina* (*Zebra Grass*).** The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Japonica Zebrina Stricta*.** A more erect-growing form of the Zebra Grass, with the transverse variegation of green and yellow appearing more pronounced; a desirable addition; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Festuca Glauca* (*Blue Fescue*).** A pretty dwarf tufted Grass, with glaucous foliage; 8 to 10 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

***Gynerium Argenteum* (*Pampas Grass*).** One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well established plants can remain in the open ground if protected. 75 cts. each.

***Pennisetum Japonicum* (*Hardy Fountain Grass*).** This variety grows about 4 feet high, foliage narrow, of a bright green, while the cylindrical flower heads, carried well above the foliage, are tinged with bronze purple, one of the most valuable hardy grasses. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

***Phalaris Arundinacea Variegata* (*Variegated Ribbon Grass or Gardener's Garters*).** Large variegated foliage; an excellent grass for bordering large beds; 12 to 15 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

***Uniola Latifolia* (*Spike Grass*).** One of the finest of our native Grasses; 3 to 4 feet high, with very ornamental flat heads in graceful drooping panicles. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



HELIANTHEMUM

HELIANTHUS

(Hardy Sunflowers)

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn.

Angustifolius. Bright yellow medium-sized flowers; August and September; 3 to 4 feet.

Giganteus. A native variety, with medium-sized bright canary-yellow flowers in September and October; 6 feet.

Maximiliani. The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

Mollis. Large, single lemon-yellow flowers with downy white foliage; blooms in August and September; 4 feet.

Multiflorus Fl. Pl. (*Double Hardy Sunflower*). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

Orgyalis. A tall variety, 6 feet high, with medium-sized single golden-yellow flowers during September.

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

Wolley Dod. The best of the September-flowering varieties, with deep yellow flowers; entirely distinct; 6 feet.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 8 sorts for \$1.75.

HELENIUM

(Sneeze Wort)

All of these are desirable border plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long blooming season.

Autumnale Superbum. Golden-yellow flowers during the late summer and fall months; 5 to 6 feet.

— **Rubrum.** New bright terra-cotta red variety; August and September; 4 feet.

Pumilum Magnificum. A most useful perennial, about 18 inches high, and smothered with its golden-yellow blossoms all summer.

Riverton Beauty. Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet.

Riverton Gem. Old gold, changing to wallflower red.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 5 sorts, \$1.00.

HELIANTHEMUM

(Rock, or Sun Rose)

Exceedingly pretty low-growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties, 25 cts. each; \$2.50 per doz.

HEPATICA (Liver Leaf)

Triloba. A pretty native spring-flowering plant, with pretty blue flowers. 25 cts. each; \$2.50 per doz.

HELIANTHUS
MULTIFLORUS FL. PL.

HELIOPSIS (Orange Sunflower)

Similar in general habit to Helianthus, but commencing to flower earlier in the season; July and August; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

Pitcheriana. A desirable variety. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower.

Pitcheriana Semi-plena. A semi-double form of the above.

Scabra Excelsa. A new variety with very rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high, and from mid-July to the end of August makes an effective display.

Scabra Zinniaeflora. A new double-flowering form of the Orange Sunflower, growing about 24 inches high, and producing golden-yellow flowers closely resembling a Zinnia in form; desirable for cutting. (See cut.)

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 4 varieties for 85 cts.

HEUCHERA (Alum Root, or Coral Bells)

Most desirable dwarf, compact, bushy plants of robust constitution and easy culture, growing $1\frac{1}{2}$ to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

Gracillima, Perry's Variety. A greatly improved form of this type with flowers of a more brilliant crimson color, arranged in loosely-branching, airy panicles. 50 cts. each; \$5.00 per doz.

Sanguinea. Bright coral-red.

— **Alba.** Creamy-white.

Virginal. Creamy-white.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 4 sorts for \$1.00.



HELIOPSIS SCABRA ZINNIAEFLORA



HEMEROCALLIS (Day Lily)

HEMEROCALLIS

(Yellow Day Lily)

Popular hardy plants belonging to the Lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

Aurantiaca. Large, trumpet-shaped, pleasing neutral orange color, tube, stamens and reverse of petals bright Indian-yellow, sweet-scented, 3 to 4 feet high; June and July. 30 cts. each; \$3.00 per doz.

Dumortieri. Very dwarf; 18 inches; flowering in June; rich cadmium-yellow; buds and reverse of petals bronze-yellow.

Flava (Yellow Day Lily). The best known variety; very fragrant; deep lemon-yellow flowers in June and July; height, $2\frac{1}{2}$ to 3 feet.

Florham. A strong grower, 3 to $3\frac{1}{2}$ feet high, large trumpet-shaped flowers; rich, golden-yellow, with Indian-yellow markings; June and July. 30 cts. each; \$3.00 per doz.

Fulva (Tawny Day Lily). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a neutral orange color with darker shadings; June and July.

Gold Dust. Of a bright Indian-yellow color; buds and reverse of petals bronzy-gold; $2\frac{1}{2}$ feet high; May and June.

Kwanso Fl. Pl. Large double orange flowers with darker shadings; July and August; 4 to 5 feet.

Luteola. Bright golden-yellow with Indian-yellow shadings; June and July. 30 cts. each; \$3.00 per doz.

Thunbergi. The latest to flower; rich butter-cup yellow, funnel-shaped flowers throughout July; 4 feet.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 9 varieties, \$2.00.



DREER'S SUPERB HOLLYHOCKS

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double, Fringed and Single sorts as under:

Double White	Double Yellow	Double Maroon
Double Rose	Double Red	Double Mixed

Newport Pink. A charming variety, for which we were awarded a certificate of merit by the Royal Horticultural Society of London. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants.

Allegheny. Mammoth flowers, wonderfully formed of loosely arranged fringed petals. The colors vary from the palest shrimp-pink to deep red. Mixed colors.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms; We can supply in mixed colors only.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

HIBISCUS (Mallow)

A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 3 to 5 feet high, with large foliage and large, showy flowers of delicate coloring, produced during the entire summer.

Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors.

Moscheutos (*Swamp Rose Mallow*). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye.

— **"Crimson Eye."** Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



NEWPORT PINK HOLLYHOCK



NEW GIANT-FLOWERING
MARSHMALLOW

New Giant-flowering Marshmallows or Hibiscus

A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which not only the colors have been greatly intensified, but in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. These plants can be highly recommended for all kinds of plantings. They appear to be equally at home in all positions, having the same vigor in dry and wet ground and are perfectly hardy. They grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in September. We offer three distinct colors—Red, Pink and White—in strong two-year-old roots, 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the three colors for \$1.00.

We can supply seeds of many of the Hardy Perennials. See Flower Seeds, pages 51 to 116.

IBERIS (Hardy Candytuft)

Most desirable dwarf plants (8 to 10 inches) with evergreen foliage, which is completely hidden with dense heads of flowers early in the spring.

Little Gem. Very dwarf and covered with a sheet of white, a particularly fine rock plant.

Sempervirens. Innumerable flat heads of pure white flowers.

Snowflake. A grand variety, having exceptionally large and pure white flowers, and borne in great masses during May and June.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

VARIOUS IRIS

We offer below some of the very finest species and varieties.

Cristata. A dainty native species 3 inches high, rich amethyst blue; May. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Gracillipes. A variety from Japan, growing about 8 inches high, which when established produces in May masses of delicate lilac-shaded flowers which are much admired. 25 cts. each; \$2.50 per doz.

Kämpferi folia variegata. Valuable for its pretty foliage effect, the broad dark green leaves being boldly striped with white. 50 cts. each.

Ochroleuca Gigantea. A noble species growing 4 feet high, with large pale yellow flowers. 35 cts. each; \$3.50 per doz.

Pallida foliis variegatis. Conspicuous on account of its beautifully variegated foliage, which is of a glaucous green, with broad bands of creamy yellow, every leaf being well marked. It is of free growth, when well established attains a height of 2 feet, and is very attractive. Flowers of a soft, pale lavender. 50 cts. each; \$5.00 per doz.

Pseudacorus. The common yellow Water Flag, suitable for marshes and water courses; May and June; 4 feet. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Sibirica. Purplish-blue flowers, 3 feet high; useful for cutting. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Orientalis.** Rich violet-blue, very free and one of the best; June; 3½ feet. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Snow Queen.** This new variety possesses all the merits of the type, differing only in color, which is an ivory white. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



HYPERICUM MOSERIANUM

HOUSTONIA

(Bluets, Quaker Lady or Innocence)

Serpyllofolia. A low creeper, best adapted to grow on a rockery in moist situation, where it forms broad carpets of foliage, which in very early spring is hidden beneath a cloud of small but showy light-blue flowers. One of the earliest spring flowers. 25 cts. each; \$2.50 per doz.



IBERIS (Hardy Candytuft)

HYPERICUM (St. John's-wort)

Adpressum. A native variety, growing in dense masses, which makes it useful as a ground cover, particularly in damp places; 6 to 8 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Moserianum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so none of their beauty is lost. It is marvelously free-flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season; 2 feet. (See illustration.) Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Plans of Hardy Borders

We have prepared a leaflet showing several plans, together with list of suitable plants for positions, both in sun and shade. Copies free on request.



IRIS INTERREGNA (offered on page 186)

DREER'S IMPERIAL

JAPANESE IRIS (*Iris Kämpferi*)

The improved forms of this beautiful flower have placed them in the same rank popularly as the Hardy Phloxes and Peonies. Coming into flower about the middle of June and continuing for five or six weeks, they fill in a period when flowers of this attractive type are particularly welcome.

They succeed in almost any soil and position, but respond quickly to liberal treatment. They like rich soil and plenty of water when they are forming their buds and developing their flowers.

Valuable as cut flowers, for which purpose they should be cut in the bud state, permitting the blooms to expand after being placed in water.

Order by Name or Number.

No.

2 **Tora-odori.** Pure white, faintly traced with violet.
4 **Yomo-no-umi.** A fine free-flowering early creamy white, six petals.

25 **Senjo-no-hora.** Beautifully mottled deep purple and white.

43 **Shi-un-ryo.** Grayish-white, deeply and densely veined and suffused with violet.

44 **Yoshimo.** Creamy-white, delicately veined with violet, six petals.

55 **Shuchiukwa.** Crimson-purple, with large white veins and center.

69 **Waku-hotei.** Pure white veined throughout with purple, six petals.

70 **Kimi-no-megumi.** Grayish white veined with purple.

83 **Washi-no-wo.** Mottled violet purple shading to bright violet.

100 **Yomo-zakuru.** Light ground color, densely veined and suffused reddish-purple.

Price. Any of the above, 30 cts. each; \$3.00 per doz.; \$20.00 per 100. Sets of 12 sorts for \$3.00.

JAPANESE IRIS IN MIXTURE. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

IRIS INTERREGNA

An interesting new type, for which there promises to be a great future. They bloom earlier than the German Iris, and the flowers combine perfection of form with large size and clear and decided colors. The foliage is dwarf and maintains its freshness throughout the season. The flower stems are about 18 inches high, holding the flowers well above the foliage. Illustrated on p. 185.

Gerda. Standards creamy yellow, falls darker veined yellow.

Helge. Light citron with pearl-colored centre.

Walhalla. Standards light lavender-blue, falls satiny violet-blue. 25 cts. each; \$2.50 per doz. Set of 3 varieties for 65 cts.

SUPERB NEW GERMAN IRIS

In addition to our fine collection of standard varieties offered on the opposite page we offer this splendid collection of the latest introductions, embracing not only new colors, but improved forms.

King of Iris. A striking novelty, with flowers of perfect form, the standards clear lemon color, falls deep satiny-brown, with a broad border of golden-yellow.

Lohengrin. Foliage and flowers of gigantic size, with petals 2 inches wide, of a deep violet-mauve.

Loreley. Perfect shaped flowers, falls of a deep ultramarine-blue, more or less veined with creamy-white and bordered sulphur yellow; the standards are a pale sulphur yellow, making a beautiful contrast.

Mithras. Flowers of good size, standards pale yellow, falls violet, shaded with claret and yellow border.

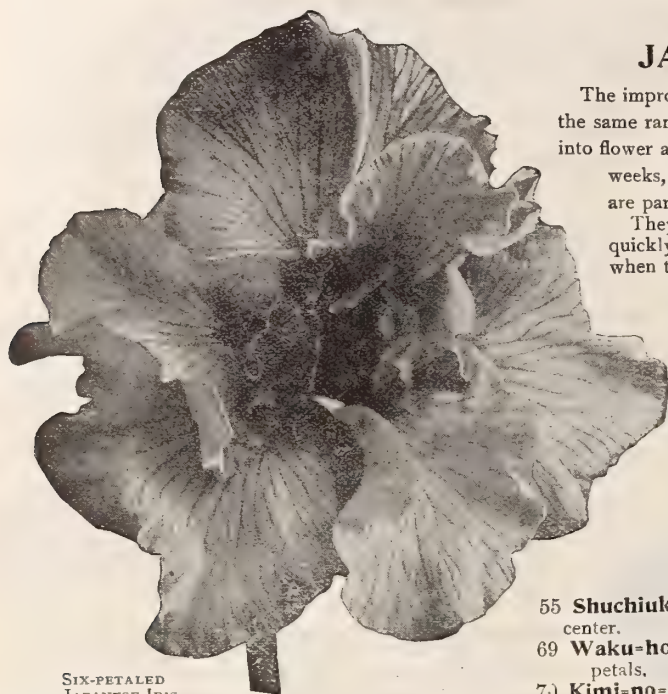
Nibelungen. Standards fawn-yellow, falls violet-blue, with fawn margin; distinct and pretty.

Princess Victoria Louise. Standards pure sulphur-yellow, falls rich plum color, with cream-colored edges.

Rhein Nixe. Standards pure white, falls deep violet-blue, with white margin; attains a height of 3 feet.

Price, 50 cts. each. Set of 7 sorts for \$3.00.

TYPE OF NEW
GERMAN IRIS

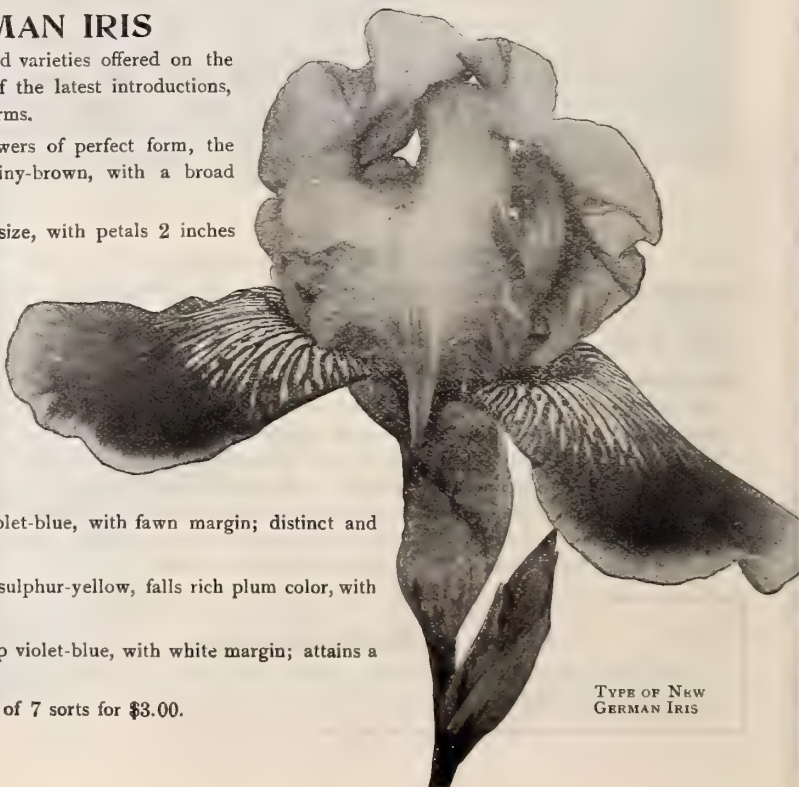


SIX-PETALED
JAPANESE IRIS

No.

105 **Nagano.** Rich violet-purple, shaded with blue, six petals.

109 **Hosokawa.** Light violet-blue, veined white, six petals.



NEW GOLDEN-YELLOW GERMAN IRIS

"SHERWIN-WRIGHT"

In this grand variety we have what has long been wanted, a good vigorous growing, free-flowering golden-yellow German Iris, the few yellow sorts now in commerce being deficient in these important characteristics.

This was discovered in a plantation of the variety *Honorabilis*, and whether it is a chance seedling or a sport of that vigorous growing, free-flowering sort has not been established.

The plants grow about two feet high; the flowers which are produced in lavish profusion are of splendid texture and stand well above the foliage, and are of a rich golden yellow without markings or shadings. 50 cts. each; \$5.00 per doz.

GENERAL COLLECTION OF

DREER'S RAINBOW IRIS

(*Iris Germanica*)

The German Iris are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

Aurea. Rich chrome-yellow.

Celeste. Standard and falls delicate azure blue.

Cherion. Standards lilac-mauve; falls violet-mauve.

Florentina Alba. Very free-flowering white.

Gazelle. White frilled rich mauve.

Honorabilis. Standards golden-yellow; falls rich mahogany-brown.

Johan de Witt. Standards bluish-violet; falls deep violet-purple; veined with white.

La Tendresse. Ageratum-blue throughout.

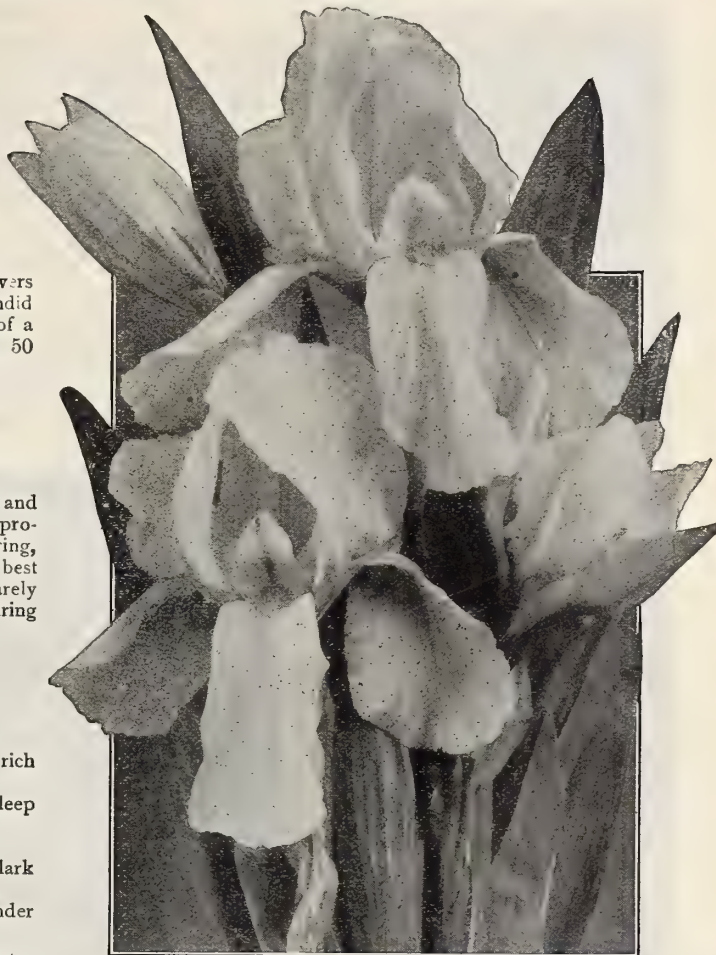
Lord Salisbury. Standards amber-white; falls dark violet-purple.

Maid Marion. Standards lavender; falls lavender reticulated purple.

Maori King. Standards golden-yellow; falls velvety-crimson margined gold. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Mme. Chereau. Standards and falls pure white; daintily edged with light blue.

Mrs. H. Darwin. Standards white, falls reticulated violet.



NEW GOLDEN YELLOW GERMAN IRIS SHERWIN-WRIGHT

Pallida Dalmatica. One of the finest of the Germanica type, of strong vigorous habit, growing in good soil 4 feet high, with exceptionally large, fragrant flowers; standards lavender, falls lavender shaded blue; exquisite in every way and fine for massing. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Plicata. Standards and falls bright violet-purple.

Plumeri. Standards rose-mauve, with metallic sheen; falls vinous-mauve.

Rembrandt. Standards light lavender, falls deeper.

Shakespeare. Standards straw-yellow, veined with burnt umber; falls deep carmine-violet.

Tinnæ. Deep ageratum-blue.

Trautlieb. A most pleasing shade of rosy-lilac.

Price. any of the above, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 20 varieties for \$2.50.

GERMAN IRIS MIXED VARIETIES

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

IRIS PUMILA HYBRIDA

A cross between *I. pumila* and *I. germanica*. Very showy. Early flowering. 10 to 12 inches high.

Cyanea. Rich royal purple with blackish shadings.

Excelsa. A splendid pale lemon-yellow.

Schneekuppe. A large, showy, pure white.

20 cts. each; \$2.00 per doz. One of each for 50 cts.



GROUP OF GERMAN IRIS NATURALIZED ON EDGE OF BROOK

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to point's east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

LYCHNIS (Campion)

All of the *Lychnis* are of the easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants. Perhaps no class of plants has more common or popular names, of which the following is but a partial list: *Campion*, *Jerusalem Cross*, *Lamp Flower*, *Maltese Cross*, *Ragged Robin*, etc.

Arkwrighti. A cross between *L. Haageana* and *Chalcedonica*, growing 2½ feet high, with very large circular flowers varying in color through crimson, scarlet, orange, salmon and intermediate shades; in bloom all summer. 50 cts. each; \$5.00 per doz.

Chalcedonica. A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. (See cut.)

Chalcedonica alba. A white-flowered form of above.

Haageana. Brilliant orange-scarlet flowers in May and June; 12 inches.

Viscaria, Double Red. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers; 1 foot.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Set of 5 varieties for \$1.25.



LIATRIS

LAVANDULA (Lavender)

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LIATRIS

(Blazing Star, or Gay Feather)

Pycnostachya. Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August; 5 feet. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LINDELOFIA

Longifolia. Grows about 2 feet high and produces blue Forget-Me-Not-like flowers during May. 25 cts. each; \$2.50 per doz.

LINUM (Flax)

Perenne. A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LOBELIAS

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

Cardinalis (*Cardinal Flower*). Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 24 to 30 inches long.

Syphilitica Hybrida (*Great Lobelia*). A choice selection of our native *Lobelia*, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



LYCHNIS CHALCEDONICA

THREE JAPANESE LYCHNIS

These attract much attention in our trial grounds during spring and early summer by their large, showy flowers, which are fully 1½ inches in diameter and produced very freely on plants 8 to 12 inches high.

Grandiflora. Large fringed apricot-colored flowers.

Grandiflora alba. Pure white.

Senno. Brilliant crimson.

50 cts. each. One each of the three sorts for \$1.25.



LOBELIA CARDINALIS

LYSIMACHIA

Ciliata (*Fringed Loose-strife*). Yellow flowers in July. 2 feet.

Clethroides (*Loose-strife*). A fine hardy variety about 2 feet high, with long, dense, recurved spikes of pure white flowers from July to September.

Fortunei. A neat variety, growing about 18 inches high, with dense, upright spikes of white flowers in August.

Nummularia (*Creeping Jenny, or Money-wort*). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

Punctata. Yellow flowers during July and August. 2 to 3 feet.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LYTHRUM

Roseum Superbum (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Roseum, Perry's Variety. A splendid improvement with much larger flowers and longer spikes than the type, and of a glistening cherry-red color. 35 cts. each; \$3.50 per doz.

MARSHALLIA

Trinervis. A useful plant for a shady, damp spot, of neat habit, about 15 inches high, bearing freely from June to August heads of white flowers, tinted flesh. 25 cts. each; \$2.50 per doz.

Mertensia (*Blue Bells*)

Virginica. An early spring-flowering plant, growing about 1 to 1½ feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers; May and June. 25 cts. each; \$2.50 per doz.

Myosotis (*Forget-Me-Not*)

Palustris Semperflorens.

A variety that is hardly ever out of flower; useful in a shady spot in the border. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



LYSIMACHIA CLETHROIDES

MONARDA (Bergamot)

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

Didyma Cambridge Scarlet (*Oswego Tea*).

Brilliant crimson-scarlet.

— **Rosea** (*Bee Balm*). A pretty rose-colored form.

— **Salmonea**. Salmon-rose color, very distinct.

— **Violacea**. Bright amaranth-red.

Fistulosa Alba (*Wild Bergamot*). A white-flowered variety.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

The set of 5 varieties, \$1.00.

MONTBRETIAS

One of the brightest of our summer-flowering bulbs, and should be set out during April or May. They should be protected during the winter with a heavy covering of leaves or litter.

George Davison. A strong growing variety, with large orange-yellow flowers.

King Edward. A very free-flowering pale yellow.

Rheingold. A robust growing variety, with flowers of a rich golden-yellow, shading lighter towards the centre, which is marked with crimson-brown blotches.

Price. Any of the above, 25 cts. each; \$2.50 per doz.

NEPETA (Catmint)

Mussini. Forms a bushy plant about 18 inches high, flowers small, of a violet-purple, but produced in such masses as to make a pretty color effect during July and August. 25 cts. each; \$2.50 per doz.

ÆNOTHERA (Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, either in the border or on the rockery, blooming the greater part of the summer.

Missouriensis. Large golden-yellow; 1 foot.

Pilgrimi. Large clusters of bright yellow flowers.

Speciosa. Pure white flowers 3 inches across; 18 inches.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



LYTHRUM ROSEUM SUPERBUM



MONARDA DIDYMA



LARGE ORIENTAL POPPY

PACHY SANDRA

Terminalis. A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June; invaluable as a cover plant either in sun or shade. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

PARDANTHUS (Blackberry Lily)

Sinensis. Lily-like flowers of bright orange during July and August on $2\frac{1}{2}$ feet high stems, followed in September with seeds which resemble blackberries; will grow and do well in any soil in a sunny location. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PAPAVER NUDICAULE (Iceland Poppies)

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We offer them in three colors, viz., white, yellow and orange-scarlet, or in mixture. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

NEW ORIENTAL POPPIES

Perry's White. Unquestionably the most important addition to the list of Hardy Perennial plants made in a number of years, we offered it for the first time three years ago, and those who planted and flowered it were much pleased. It is the most distinct break that has yet been made, the flowers being of a pure satiny-white, with a crimson maroon blotch at the base of each petal.

Gerald Perry. One of the most beautiful Oriental Poppies yet raised, large flowers of a uniform shade of apricot-pink, conspicuously blotched crimson.

Price. Either of the above, 50 cts. each; \$5.00 per doz.

**PAPAVER ORIENTALE
LARGE ORIENTAL POPPIES**

These are the regal representatives of this popular genus, growing 3 to $3\frac{1}{2}$ feet high, and far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom renders them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or early spring before the first of May—give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall; and they will increase in size and floriferousness for several years. After flowering the plants die back, usually reappearing in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed, any disturbance at this time usually resulting in failure. We offer on this page the best of the latest introductions, as well as the following distinct standard varieties:

Goliath. Fiery scarlet.

Mahony. Dark crimson maroon, shaded mahogany.

Mrs. Perry. Salmon-rose.

Oriflamme. A large, gorgeous orange-scarlet.

Scarlet Defiance. Rich scarlet.

Price. Any of the above, 25 cts. each; \$2.50 per doz. Set of 5 varieties, \$1.00.

Finest Mixed Seedlings. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

JAPANESE SINGLE PEONIES

No other plant flowering at the same season can vie with the Single Peony for beauty, and a well-established bed, when in full bloom with the large silky flowers and appearing like immense Single Roses, is simply gorgeous.

Dragon. Brilliant deep rosy-crimson; very large.

Lemon Queen. Lemon tinted white.

Mikado. Fine deep rose.

75 cts. each; one each of the three sorts for \$2.00.



ICELAND POPPIES

DREER'S FRAGRANT PEONIES

The wonderfully improved Peonies introduced in recent years are truly the "Queen of Spring Flowers," and are well adapted for massing in beds and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with two inches of soil.

EIGHTEEN FINEST HERBACEOUS PEONIES

Comte de Diesbach. Soft rosy-mauve, of fine form.

Couronne d'Or. Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals. 75 cts each.

Edulis Superba. Deep rose-pink with lighter shadings. The earliest variety in our collection.

Eugene Verdier. Large double Hydrangea-pink; one of the finest. 75 cts. each.

Festiva Maxima. This truly superb variety is considered the finest white in cultivation.

Floral Treasure. Very large, delicate clear pink shading lighter at the centre.

Francois Ortegat. Brilliant crimson; one of the richest dark varieties.

Golden Harvest. Peach blossom pink with creamy white centre.

Grandiflora Carnea Plena. Large, loose, graceful flowers, flesh tinted white.

La Brune. Large, showy deep carmine-violet; very free.

La Tulipe. Very large globular, flesh-pink shading to ivory-white; centre petals tipped carmine; one of the best. 75 cts. each.

Price, strong roots, except where noted, 50 cts. each; \$5.00 per doz. One each of the 18 varieties, \$10.00.

STANDARD VARIETIES, DOUBLE HERBACEOUS PEONIES

Amabilis Lilacina. Bright lilac-rose changing to white as the flowers mature.

Andre Lauries. A fine late Tyrian-rose.

Arthemise. Free bloomer in clusters; violet-rose with light mauve shadings.

Baron Rothschild. Light rosy lilac; very free.

Berlioz. Large compact flower; light carmine-rose tipped silver.

Charlemagne. Lilac-white with a slight blush centre.

Canary. Pure white guard petals with amber white centre.

Duke of Wellington. An ideal cut flower variety; color sulphur-white, quite fragrant.

Duchess de Nemours. Sulphur-white changing to pure white. Particularly beautiful in the half-open bud state.

Price, 25 cts. each; \$2.50 per doz.; \$18.00 per 100. Set of one each of the 20 varieties, \$4.00.

Double Herbaceous Peonies in Mixture, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



DOUBLE HERBACEOUS PEONY

Marguerite Gerard. Enormous flat flowers with broad petals, delicate Hydrangea-pink changing to creamy white. 75 cts. each.

Mme. Boulanger. A very choice variety of a soft lilac tinted white, petals of great substance. 75 cts. each.

Mme. Calot. One of the best early sorts, large flowers of a pale hydrangea pink. Very delicate when cut in bud state.

Mme. de Verneville. Broad sulphur white guard petals and compact white centre, touched carmine.

Mme. Ducl. Bright silvery pink with salmon shadings and silvery reflex. Magnificent cut flower variety and fine bedder. 75 cents. each.

Mons. Jules Elie. Probably the largest flowered; color pale lilac rose with silvery reflex. \$1.00 each.

Mons. Paillet. Fine light pink with deeper shaded centre and silvery reflex.

Duc de Cazes. Bright pink shaded violet, lighter centre and silvery reflex.

Grandiflora Rubra. Immense globular light red.

Humei Rosea. Very large late-flowering cherry-rose.

Louis Van Houtte. Rich dark crimson, developing a slight silvery tip as the flowers age.

Mons. Mallet. Tyrian-rose with salmon shadings in the centre.

Ne-Plus-Ultra. Light violet-rose with silvery reflex.

Paganini. Light solferino-red with paler centre.

Pomponia. Rosy-mauve guard petals, primrose yellow centre changing to white.

Queen Victoria. Pure white with creamy white centre.

Rosea Elegans. Pale lilac-rose with creamy white centre.

Victoria Tricolor. Lilac-rose, centre light salmon-yellow.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



DREER'S SUPERB HARDY PHLOXES

Hardy Phloxes have long been one of our leading specialties, and we are now the largest growers in the world of this important hardy plant. We offer below a collection of the finest sorts, while on the following pages will be found a very complete list of the miscellaneous species and varieties.

The following cultural notes were written especially for this book by Mrs. Ely, the author of "A Woman's Hardy Garden."

"Probably the most satisfactory of all perennials is the Phlox, and a good space in proportion to the size of the garden should always be given these plants.

The ground where Phlox is to be planted should be trenched fully two feet in depth, and may be planted in the autumn from the 1st to the 15th of October, so that they may become well rooted before winter; otherwise it should be set out as soon as the frost leaves the ground in the spring, as growth begins very early.

Whether planted in spring or fall, a mulch of old manure thrown around the roots will be of benefit to the plants.

Phlox should be set out eighteen inches apart, and if kept well watered will produce both individual blossoms and heads of bloom far larger than otherwise, and amply repay the extra trouble.

In October, after three seasons of flowering, the Phlox should be lifted, the ground again trenched and enriched, the plants separated into bunches of three or four stalks each, and then reset.

Occasionally, in warm moist summers, the Phlox is attacked by mildew. But if, upon the first sign of its appearance, the leaves of the plants are well sprinkled and afterwards plentifully dusted with powdered sulphur the disease will be arrested.

DREER'S "MATCHLESS DOZEN" HARDY PHLOX

While we aim to grow only really worth while varieties of Hardy Phlox, quickly discarding those which fail to measure up to our ideals it is true that some varieties are so conspicuously superior that they belong in a preferred class.

The dozen sorts offered below are all eligible to this exclusive set, they are mostly recent introductions from noted European specialists, and show great advances in color, some of the tones being quite new in Phloxes. We illustrate three of the sorts on the plate opposite.

Elizabeth Campbell. Very bright salmon-pink, with lighter shadings and dark red eye; attracts more attention in our fields than any other variety; one of the handsomest.

Europa. A white variety, with a decided crimson-carmine eye. The individual flowers and trusses are very large; entirely distinct; of remarkable sturdy, erect habit.

Glow. A rich, bright carmine, illuminated by a suffusion of salmon, blood-red eye, dwarf; very early.

Mauve Queen. Deep mauve, with prominent crimson eye; a most effective tall late-flowering variety.

Minerva. A beautiful luminous violet rose, with white suffusion and a bright carmine eye, flowers and trusses of largest size.

Mrs. Jenkins. The best all round pure white.

Riverton Jewel. One of our own introductions, which it gives us great pleasure to recommend. It is a lovely shade of mauve rose, illuminated by a brilliant carmine-red eye.

Rynstrom. A great improvement on the popular variety Pantheon; of the same carmine rose color as the Paul Neyron Rose.

Thor. A most beautiful and lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow. A light, almost white halo surrounds the aniline red eye. This lovely variety holds the same place among the deep salmon pinks that the popular Elizabeth Campbell holds among the light salmon-pink sorts.

Viking. A splendid new variety and one of the latest to flower, producing much branched pyramidal heads of bloom of a pleasing soft salmon-rose.

Wala. This new white variety, which is of dwarf, compact habit and very pure in color, has the largest individual flowers of all the whites.

W. C. Egan. One of the finest Phloxes yet introduced, and while the individual flowers, according to color chart, are of a delicate lilac, illuminated by a large bright solferino eye, the color effect as a whole is a pleasing shade of soft pink. In habit of growth it is strong and vigorous, producing immense panicles of flowers nine inches high by seven across, and the individual flowers frequently measure $1\frac{3}{4}$ inches in diameter.

Price. Any of the above sorts, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the "Matchless Dozen," \$2.50.

GENERAL COLLECTION OF HARDY PHLOX

Albion. Pure white, with a faint red eye.

Australia. Bright claret-red, large flower.

Bacchante. Tyrian-rose, with crimson-carmine eye.

Baron van Dedem. Brilliant cochineal-red, with salmon shadings.

Bridesmaid. Pure white, with large crimson-carmine eye.

Champs Elysee. A bright rosy-magenta; very effective.

Crepuscle. White with delicate mauve suffusion and rosy-purple eye.

Eclairer. Brilliant rosy-magenta, with large, lighter halo.

Frau Anton Buchner. Large pure white.

Gartendirector Brodersen. Light carmine with deeper eye.

Gefion. Tender peach-blossom pink with bright rose eye.

Griseur. Soft mauve-rose suffused and overlaid with a lively shade of cerise.

General Van Heutsz. Brilliant salmon-red with light centre.

Henry Murger. White, with crimson-carmine centre.

Jeanne d'Arc. A good late-flowering pure white.

L'Evenement. Orange-scarlet overlaid with salmon-pink.

La Vague. Pure mauve, with aniline red eye.

Louise Abbema. Very large dwarf, pure white.

Mme. Paul Dutrie. Delicate lilac-rose in shade like a soft pink orchid; flowers very large, borne in immense panicles.

Obergartner Wittig. Bright magenta, with crimson-carmine eye; large flowers and truss; the best of its type.

Pantheon. Bright carmine rose; very effective.

Rosenberg. Bright reddish-violet; blood-red eye.

R. P. Struthers. Bright rosy-carmine, with claret-red eye.

Von Hochberg. Brilliant French-purple, with crimson shadings.

Von Lassberg. Purest white, individual flowers; very large.

Price. Any of the General Collection, 20 cts. each; \$2.00 per doz.; \$12.00 per 100; collection of 25 varieties, \$3.50.

THREE OF

DREER'S
"MATCHLESS" PHLOX

Europa

W.C. Egan

*Elizabeth
Campbell*



PHLOX DIVARICATA
CANADENSIS

VARIOUS PHLOXES

The following species and varieties are quite unlike the large-flowering Phloxes offered on page 192, but are very pretty and useful plants in the hardy garden.

Amœna. This is one of the best varieties for carpeting the ground, the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Divaricata Canadensis. One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Pilosa Splendens. A splendid companion to Phlox Divaricata Canadensis, growing from 12 to 15 inches high, and flowering at the same time, but producing great masses of brilliant rosy-carmine flowers. An excellent border plant. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PHLOX SUBULATA (Moss, or Mountain Pink)

An early spring flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white. | **Lilacina.** Light lilac. | **Rosea.** Bright rose. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PLANS OF HARDY BORDERS

We have prepared a leaflet showing several of these, together with list of suitable plants for sun or shade. Copy free on request.

PHLOX ARENDSI

A new race of Hardy Phlox which originated through the successful crossing of the early flowering popular Phlox Divaricata Canadensis with the showy hardy varieties of Phlox Decussata. The plants are of vigorous, branching habit, growing according to the variety, from 12 to 24 inches high. Coming into flower during the latter part of May, they continue in good condition for nearly two months, producing a mass of flowers unknown in other types of Phlox.

Amanda. The dwarfest of the collection, growing but 12 inches high, very bushy, flowers delicate lilac with deeper centre.

Charlotte. Grows 18 to 24 inches high, flowers very large, pale lilac shaded pink with a prominent dark eye; one of the best.

Elizabeth. White, reverse of petals lilac; plants of strong branching habit; 18 inches.

Kathe. Stems loosely branched, about 20 inches high; flowers purplish-rose with a dark eye surrounded by a lighter halo.

Louise. A strong-growing variety about 2 feet high; light lilac flowers with a carmine eye.

Price. 35 cts. each; \$3.50 per doz. One each of the 5 varieties for \$1.50.

Early Flowering Hardy Phlox Miss Lingard

This grand white variety is one of the most popular sorts grown; it grows about 2 feet high, and starts to bloom in May, continuing to flower until late in October, and is always attractive. 25 cts. each; \$2.50 per doz; \$15.00 per 100.



PHLOX SUBULATA (Moss Pink)



PHLOX ARENDSI

PENTSTEMON (Beard Tongue)

Most useful showy perennials, either for the border or rockery. With the exception of *Sensation*, which requires protection, they are perfectly hardy.

Gloxinioides "Sensation." A beautiful strain, bearing spikes of large Gloxinia-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2 feet high and bloom from early summer till frost.

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 feet; June to August.

Digitalis. Large spikes of long, purple-white flowers with purple throats, during June and July; 2 to 3 feet.

Ovatus. Bright blue with bronzy-purple shadings; July to September; 2 feet.

Pubescens. Bright rosy purple; July and August; 1½ feet.

Smalli. Rosy-carmine flowers in early summer; 1 foot.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the 6 sorts for \$1.25.

PHYSALIS

(Chinese Lantern Plant)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange scarlet lantern-like fruits; highly interesting. 25 cts. each; \$2.50 per doz.

Seeds of Hardy Perennials

We offer a very extensive list of above. See Flower Seeds, pages 51 to 116.



PENTSTEMON SENSATION



PHYSOSTEGIA

PHYSOSTEGIA

(False Dragon-Head)

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. (See cut.)

Virginica. Bright but soft pink.

— **alba.** Pure white; very fine.

— **Speciosa.** Very delicate pink.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

New Perpetual-flowering Hardy Pinks

(*Dianthus Allwoodi*)

This is a most important addition to our list of perennial plants. They are perfectly hardy and flower continuously from early spring until late in the autumn; the flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems suitable for cutting; deliciously clove-scented.

Dorothy. Deep rose-pink with a rich dark centre slightly fringed.

Harold. A large double white of symmetrical form.

Mary. Pale rose-pink with light maroon centre.

Phyllis. Delicate pale pink with light maroon centre; very strongly scented.

Robert. A delicate shade of old-rose with light maroon centre; very free.

We offer strong plants of any of the above 50 cts. each; \$5.00 per doz. One each of the 5 sorts for \$2.25.

HARDY GARDEN PINKS

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting. 1 foot.

Delicata. Soft delicate rose.

Diamond. A smooth edged pure white.

Elsie. Bright rose with maroon centre.

Excelsior. Light rose-pink with deeper shadings.

Her Majesty. Large pure white.

Homer. Rosy-red with dark centre.

Juliette. White-laced with crimson.

Snow. Fine pure white.

White Reserve. An everblooming pure white.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 9 sorts, \$2.00.

Mixed Hardy Garden Pinks. We offer a fine lot of seedlings grown from a very select strain, which should produce a good percentage of double flowers. Those that come single are very pretty, and are preferred by some to the full, double sorts. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



PERPETUAL-FLOWERING HARDY GARDEN PINKS



PLATYCODON

(Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms for nearly a month, beginning about July 10th. They are also free from attacks of insects, and if planted in good soil and well covered in late autumn with a litter of leaves or stable manure, will be found to be quite hardy."

Grandiflorum. Deep blue cupped, star-shaped flowers.

— **Album.** A white-flowered form of the above.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PLUMBAGO (Lead-wort)

Larpentæ. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high; covered with deep blue flowers during the summer and fall months. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

POLEMONIUM (Jacob's Ladder)

Cœruleum. Bell-shaped bluish-purple flowers nearly 1 inch across; 2 feet; May to July.

Reptans. Useful border plants, about 12 inches high, succeeding best in a partially shaded position; deep green, finely-cut foliage, and spikes of showy blue flowers in May and June.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

POLYGONATUM (Solomon's Seal)

Giganteum. Exceedingly ornamental, both in foliage and flower; grows 3 feet high and bears pendant, creamy white flowers in May and June. Should be grown in a shady or half-shady place for best results. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



POLYGONUM COMPACTUM



PLATYCODON GRANDIFLORUM

POLYGONUM

(Knot-weed)

Compactum. Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers.

Cuspidatum (*Giant Knot-weed*). Attains a height of 5 to 7 feet, and in fall produces long, drooping clusters of white flowers at the axil of each leaf; a striking plant for the shrubbery or as an isolated specimen, particularly so in damp ground.

Brunonis. A fine plant for the rockery or border, with spikes of bright rose-colored flowers; July to September; 1 foot.

Price. Any of the above, 25 cts. each; \$2.50 per doz.



POLEMONIUM

POTENTILLA (Cinquofoil)

Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches.

Atrosanguinea. Rich crimson, single.

Vulcan. Double, rich crimson.

William Rollison. Bright vermilion; double.

25 cts. each; \$2.50 per doz. Set of 3 sorts for 65 cts.

POTERIUM (Burnet)

Obtusatum. A good border plant of easy culture, with neat, dark green pinnatifid foliage, flower stems 18 to 24 inches high, terminated with 3 to 4 inch long spikes of small violet-rose colored flowers, in bloom from July to October. 35 cts. each; \$3.50 per doz.



PRIMULA VERIS SUPERBA

PRIMULAS (Primrose)

The Hardy Primroses are among the most beautiful and interesting of our early spring flowers. Plant them in rich, well-drained soil in the border or in a sheltered nook in the rockery; if possible, in a half-shady place.

Acaulis Alba plena. Very showy and useful; double white. 35 cts. each; \$3.50 per doz.

— **Cœrulea.** A most novel variety, with deep purplish-blue flowers of large size; early and prolific. 35 cts. each; \$3.50 per doz.

— **Croussei plena.** Distinct and pleasing shade of purplish-red. 35 cts. each; \$3.50 per doz.

Veris (*English Cowslip*). Plants grown from a select strain of seed, and embrace a fine range of colors. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Veris Superba. A giant-flowered form, producing individual flowers from 1 to 2 inches across; in color they are a bright canary-yellow with a golden centre; perfectly hardy, and when in flower present a sheet of bloom. 35 cts. each; \$3.50 per doz.

Vulgaris (*English Primrose*). An old favorite and should be found in every garden; one of the earliest spring flowers; of bright canary-yellow; very fragrant. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Set of above 6 Primroses for \$1.25.

PULMONARIA (Lungwort, Bethlehem Sage)

Angustifolia Azurea (*Blue Cowslip or Lungwort*). The prettiest of the blue Cowslips; grows about a foot high, and one of the first to bloom in early spring, bearing attractive funnel-shaped, deep gentian-blue flowers; very desirable.

Saccharata Maculata. A beautiful plant, rivaling in the markings of its foliage many of the choicest hot-house plants; of easy culture; foliage deep green, handsomely mottled with silvery-gray, and terminal 1 foot high spikes of pink flowers during May and June.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



PYRETHRUM ULIGINOSUM

PYRETHRUM HYBRIDUM

This grand old-fashioned Hardy Perennial is easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years, and if given an annual top dressing of well-rotted manure flower generously. Their main season of blooming is in June, but if the first crop of flower stems is removed as soon as finished they will give a fair sprinkling of flowers during the summer and autumn months. The fine fern-like foliage of the plants is attractive at all times.

Single-flowering. The plants which we offer embrace all the colors from deep red through the various shades of rose to pure white. These can be supplied in mixed colors only. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Double-flowering. Choice named varieties in crimson, pink and white. 50 cts. each; \$5.00 per doz. One each of the three colors for \$1.25.

PYRETHRUM ULIGINOSUM

(Giant Daisy)

Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PLANS OF HARDY BORDERS

We will be pleased to send a set of these with list of suitable plants on application.



PYRETHRUM HYBRIDUM



RANUNCULUS ACONITIFOLIUS
FL. PL.

RANUNCULUS

(Crow-foot, Buttercup)

Aconitifolius Fl. Pl. (*Fair Maids of France*). Forms a branching bush 2 feet high; flowers double, pure white, in May and June. (See cut.)

Acris Fl. Pl. A double-flowered form of our common Buttercup; 2 feet. May and June.

25 cts. each; \$2.50 per doz.

RHEXIA (Meadow Beauty)

Virginica. A handsome dwarf plant, 9 inches, flowering the greater part of the summer, with numerous bright rosy-purple blossoms, and long, protruding golden anthers; grand for massing in a moist, sunny spot. 25 cts. each; \$2.50 per doz.

RODGERSIA

Podophylla. A stately plant, both in foliage and flower; planted in rich, deep soil, in a sunny situation, and liberally supplied with water, produces five-lobbed leaves $2\frac{1}{2}$ to 3 feet in diameter, at first bright green, changing to a metallic-brown hue; flowers white, not unlike a Spiraea, and borne in large, fluffy, feathery sprays in midsummer. 25 cts. each.

ROSMARINUS (Rosemary)

Officinalis. An old favorite aromatic herb of neat habit of growth; requires protection. 25 cts. each; \$2.50 per doz.

PLANS OF HARDY BORDERS

We have a leaflet showing several plans, together with list of suitable plants for positions in sun or shade. Copies free on request.

RUDBECKIA (Cone-flower)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

"Golden Glow." A well-known popular plant, a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September.

Maxima. A rare and attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September.

Newmani. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to September.

Nitida "Autumn Sun." An attractive single-flowering variety, growing 5 to 6 feet high, with long, broad petals of bright primrose-yellow; August to October.

Purpurea (Giant Purple Cone-flower). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped centre of brown; forms bushy plants 3 feet high, and blooms from July to October.

Subtomentosa. A pyramidal densely branched plant, $2\frac{1}{2}$ feet high, which is completely enveloped in a mass of brilliant lemon-yellow flowers with dark purple centres in summer.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 sorts for \$1.25.



RUDBECKIA NEWMANI

SEEDS OF HARDY PERENNIALS

We can supply seeds of many of the sorts. See Flower Seeds, pages 51 to 116.



RUDBECKIA PURPUREA (Giant Purple Cone Flower)

SALVIA (Meadow Sage)

Azurea. A Rocky Mountain species; grows 3 to 4 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.

Pitcheri. Similar to the above, but of more branching habit and larger flowers of a rich gentian-blue color, and one of the most admired plants by the many visitors to our nurseries during the early autumn; 3 to 4 feet.

Greggi. A native of the mountains of Southwestern Texas, makes a shapely, bushy plant about two feet high, and from July to late October bears masses of brilliant carmine flowers which appear particularly rich and luminous during the fall months; requires protection in winter.

Greggi Alba. A new, pretty white-flowered form, which makes a good companion to the red-flowered type.

Uliginosa. In general habit similar to *Azurea*, but of stronger growth, forming a bushy specimen from 5 to 6 feet high, and wonderfully free-flowering, blooming continuously from June until stopped by severe frost in October. The flowers are a pretty Cornflower-blue, with a white throat, and are produced in branched spikes, frequently 6 inches long.

Virgata Nemorosa. An interesting plant for the hardy border, forming a rosette of large foliage, from which the flower spikes arise, bearing many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet-blue, forming a harmonious and pleasing color combination. It continues in flower for about six weeks during the early summer months; 18 inches.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the six sorts, \$1 25.



SALVIA PITCHERI

SANTOLINA

(Lavender Cotton)

Chamæcyparissus Incana. A dwarf evergreen perennial with attractive silvery-white foliage; useful as a rock or border plant, and largely used for carpet bedding; prefers a light soil and rather dry position. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

SATUREIA (Winter Savory)

Montana. A neat dwarf evergreen, aromatic plant, with slender, woody, very branching stems, 12 inches high, covered with showy white heather-like flowers in August and September. 25 cts. each; \$2.50 per doz.

SAXIFRAGA (Megasea)

These will thrive in any kind of soil and in any position; grow about 1 foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful, while the pretty flowers, which appear very early in the spring, some almost as soon as the frost is out of the ground, make them doubly effective. (See cut.)

Compacta. Bright rose.

Crassifolia. Light pink.

Delia. Crimson purple.

Magnet. Rose.

Orbicularis. Deep rose.

Splendens. Rosy-crimson.

Price. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

One each of the 6 sorts, \$1.50.

ALPINE SAXIFRAGA

Umbrosa (*London Pride, Nancy Pretty, or None-so-Pretty*). A low-growing, spreading sort, throwing up stems a foot high of white; sometimes suffused with red flowers. 25 cts. each; \$2.50 per doz.



SATUREIA



SCABIOSA

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

Caucasica (*Blue Bonnet*). A soft and charming shade of lavender, and commences to bloom in June, throwing stems 18 to 24 inches high until September. (See cut.)

— **Alba**. A pure white variety.

Japonica. Lavender-blue flowers, in bloom from July to September; 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SEDUM (Stone-crop)

DWARF VARIETIES

Suitable for the rockery, carpet bedding, covering of graves, etc.

Acre (*Golden Moss*). Much used for covering graves; foliage green; flowers bright yellow.

Album. Green foliage, white flowers.

Ewersi. Pink flowers; August and September.

Kamtschaticum. Deep green foliage; yellow flowers in June; 8 inches.

Sexangulare. Dark green foliage, yellow flowers.

Sieboldi. Round, succulent, glaucous foliage; bright pink flowers in August and September.

Stahli. Compact species, with crimson-tinted foliage in autumn.

Stolonifera. One of the most desirable; flat succulent leaves; flowers purplish-pink; July and August; 6 inches.

Spurium. Attractive pink flowers; 6 inches.

— **Coccinum**. A beautiful crimson-flowered form.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



SENECIO PULCHER



SEDUM SPECTABILE



SCABIOSA CAUCASICA

SEDUM (Stone-crop)

ERECT OR TALL-GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

Japonicum Macrophyllum. Forms compact bushes 15 inches high, with pleasing waxy-white flowers, with light pink centres.

Maximum Atropurpureum. Interesting on account of its dark bronzy-purple foliage; 15 inches.

Spectabile. One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rose-colored flowers; indispensable as a late fall-blooming plant.

— **"Brilliant."** A rich colored form of the preceding, being a bright amaranth-red.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 4 sorts for 75 cts.

SEMPERVIVUM (House Leek)

Peculiarly interesting plant for the rockery or for any exposed, well-drained position. We can furnish six distinct varieties at 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 for 75 cts.

SENECIO (Groundsel)

Pulcher. Forms a neat tuft of foliage, from which springs up from July to October, a succession of 2-foot high stems, with clusters of brilliant rosy-purple flowers, of good size. 25 cts. each; \$2.50 per doz.

SHORTIA

Galacifolia. A rare and handsome dwarf evergreen, with bronzy-green foliage. Requires a shady position and a soil made up mostly of leaf-mould. The flowers are pure white, about an inch across, each on a stiff, wiry stem, and turn pink with age. 25 cts. each.



SIDALCEA

SIDALCEA

Erect-growing, more or less branching plants, producing their showy flowers during June and July; they will succeed in any garden soil in a sunny position. (See cut.)

Candida. Grows 2 to 3 feet high with white flowers about an inch in diameter. 25 cts. each; \$2.50 per doz.

Rose Queen. A new variety of strong robust habit growing from 5 to 6 feet high, producing showy large flowers of a pleasing shade of clear rose, in the greatest profusion. 50 cts. each.

Rosy Gem. Pretty, bright rose-colored flowers, 2 to 3 feet. 25 cts. each; \$2.50 per doz.



SOLIDAGO

SOLIDAGO (Golden Rod)

The varieties offered below are the most desirable of our native Golden Rods.

Altissima. The giant of the family, attaining a height of 10 to 12 feet; the large heads of golden-yellow flowers reach perfection late in October.

Canadensis. Grows 4 to 5 feet high, with spikes of golden-yellow flowers from the end of July until September.

Golden Wings. The finest of all; 5 feet high with immense panicles of bright golden-yellow flowers from July to September.

Rigidus. A bold plant with heavy foliage and immense heads of flowers in July and August.

Shorti. Golden-yellow flowers in July and August; 3 feet.

Virgaurea Compacta. Grows but 15 inches high; deep yellow flowers in August and September.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 sorts for \$1.25.

SILENE (Catchfly)

Alpestris. A good rock-work plant, grows about 4 inches high, with glistening white flowers in July and August.

Schafta (Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SISYRINCHIUM (Satin Lily or Blue-eyed Grass)

Bermudianum. A pretty early spring and fall flowering plant with blue flowers and grass-like foliage. 25 cts. each; \$2.50 per doz.

SPIRÆA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location in rich moist soil.

Aruncus. A noble variety, 3 to 5 feet high, producing in June and July long, feathery panicles of white flowers.

Filipendula Fl. Pl. (Double-flowered Dropwort). Numerous corymbs of double white flowers on stems 15 inches high, during June and July, and pretty fern-like foliage.

Palmata (Crimson Meadow Sweet). One of the most beautiful hardy plants, the deep purple red of the stems and branches passing into the crimson purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

— **Elegans.** A free-flowering pure white with protruding pink anthers.

Ulmaria Fl. Pl. (Meadow Sweet). Grows about 3 feet high, and produces its double white flowers during June and July.

Venusta. A showy, red-flowering species; very fragrant; 4 to 5 feet; June.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the above 6 varieties, \$1.25.



SPIRÆA ULMARIA FL. PL.

SPIGELIA (Carolina, or Indian Pink)

Marilandica. A rare and charming native plant, succeeding best in a shady, moist situation, and producing from early in June till late in October brilliant red, tubular flowers with yellow throat; 12 to 15 inches. 35 cts. each; \$3.50 per doz.

STACHYS (Woundwort)

Betonica Grandiflora (*Betony*). Large flowers of purplish-rose; June and July; 15 inches.

— **Rosea.** Soft rose color; June and July; 15 inches.

Lanata. Forms a densely leaved mass of bright, silvery-white woolly foliage and inconspicuous clusters of light purple flowers. As a plant for edging or for clumps in the border, or wherever intense color is desired for contrast with other foliage, it will be found most useful.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

STATICE (Great Sea Lavender)

Latifolia. A most valuable plant either for the border or rockery, with tufts of leathery leaves and immense candelabra-like heads, frequently 1½ feet high and 2 feet across, of purplish-blue minute flowers during July and August; these, if cut and dried, last in perfect condition for months. 25 cts. each; \$2.50 per doz.

STENANTHIUM

(Mountain Feather Fleece)

Robustum. A rare perennial, with showy panicles of pure white, fleecy flowers in August and September on stems 4 to 5 feet high; requires a moist, semi-shady position. 25 cts. each; \$2.50 per doz.

If unable to find what you want refer to index, page 2.



STOKESIA (Cornflower Aster)

STOKESIA

(Cornflower Aster)

Cyanea. A beautiful native plant growing 18 inches high, bearing freely from early in June until September its handsome lavender-blue Cornflower-like blossoms, which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size.



STATICE LATIFOLIA

Cyanea alba. A pretty pure white variety of above.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SWEET WILLIAM (*Dianthus Barbatus*)

(London Tufts)

A well-known, attractive, free-flowering hardy perennial, producing in early summer a splendid effect in beds and borders with their rich and varied flowers. We can supply the following all grown from our own select strain of seed:

Newport Pink. The prettiest color among Sweet Williams, a lovely salmon or watermelon-pink.

Pure White. Very large.

Scarlet Beauty. Rich deep scarlet, very effective.

Mixed. Containing all colors.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.



SWEET WILLIAM

SYMPHYTUM (Comfrey)

Asperillum aureo variegatum. A pretty golden variegated foliage border plant; in spring the leaves form rosettes close to the ground, later in the season the stems and leaves rise and form a taller plant, 15 to 18 inches high, with numerous drooping blue bell-shaped flowers. 35 cts. each; \$3.50 per doz.



THALICTRUM (Meadow Rue)

THALICTRUM

(Meadow Rue)

Very graceful, pretty flowered plants, with finely cut foliage; great favorites for planting in the hardy border; the dwarfier varieties also being effective and useful in the rockery. (See cut.)

Adiantifolium. A beautiful variety, with foliage like the Maiden Hair Fern and miniature white flowers in June and July; 1½ to 2 feet.

Aquilegifolium atropurpureum. Elegant, graceful foliage and masses of rosy-purple flowers; May to July; 2 to 3 feet.

— **Album.** Pure white flowers.

Glaucum. Fine cut foliage; bronzy-yellow flowers in June; 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

RARE THALICTRUM

DIPTEROCARPUM

A pretty and distinct species, with flowers of a charming shade of lilac mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high; the dainty flowers are produced in graceful sprays during August and September. (See cut.) 50 cts. each; \$5.00 per doz.



THALICTRUM DIPTEROCARPUM

THERMOPSIS

Caroliniana. A showy, tall-growing plant, attaining a height of 3 feet, producing long spikes of yellow flowers in June and July. 25 cts. each; \$2.50 per doz.

THYMUS (Thyme)

Citriodorus. Lemon-scented foliage, of bushy habit.

Lanuginosus (Woolly-leaved Thyme). A trailing variety, with grayish foliage.

Serpyllum (White Mountain Thyme.) A pretty subject for the rockery, forming dense mats of dark green foliage and clouds of white flowers.

— **Coccinea (Scarlet Thyme).** Dark green foliage and clouds of bright red flowers.

— **Splendens.** Bright purplish-red flowers.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

TIARELLA (Foam Flower)

Purpurea Major. An attractive variety, forming a neat, compact clump; the foliage unusually bright, as it expands in the spring; bears long spikes of salmon-red flowers. 25 cts. each; \$2.50 per doz.

TRADESCANTIA (Spider Wort)

Virginica. Produces a succession of blue flowers all summer; 1½ to 2½ feet.

— **Alba.** A white-flowered form.

25 cts. each; \$2.50 per doz.

TRILLIUM

(Wood Lily, or Wake Robin)

Excellent plants for shady positions in the hardy border, or in a sub-aquatic position, flowering in early spring; 12 to 18 inches.

Erectum. This is the Purple Wood Lily; the earliest to flower.

Grandiflorum. The largest white; probably the handsomest.

15 cts. each; \$1.50 per doz.; \$8.00 per 100.

PLANS OF HARDY BORDERS

We have prepared a leaflet showing several plans, together with list of plants suitable to fill same in sun or shade. Copy free on request.



TRILLIUM GRANDIFLORUM



TROLLIUS OR GLOBE FLOWER

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily)

Pfitzerii (*The Everblooming Flame Flower*). The early, free and continuous blooming qualities of this variety has made it one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such an elegant subject should become so popular. Succeeds in any ordinary garden soil, but responds quickly to liberal treatment; hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



VIOLA (Tufted Pansies)

TUNICA

Saxifraga. A pretty tufted plant with light pink flowers; produced all summer; useful either for the rockery or the border. 25 cts. each; \$2.50 per doz.

VALERIANA (Valerian)

Coccinea. Showy heads of reddish flowers; June to October; 2 feet.

— **Alba**. A white-flowered form.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

VINCA (Periwinkle, or Trailing Myrtle)

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 15 cts. each; \$1.50 per doz.; \$10.00 per 100; \$80.00 per 1000.

TROLLIUS (Globe Flower)

Desirable free-flowering plants, producing their giant Buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeed admirably in the border in a half-shady position in well drained preferably light soil.

Asiaticus Flore Croceo. Dark orange, of beautiful form.

Caucasicus "Orange Globe". Large, deep orange-colored flowers.

Europæus. Large, bright yellow, globular flowers.

Goldquelle. Rich golden yellow.

Japonicus "Excelsior". Very deep orange flowers.

25 cts. each; \$2.50 per doz. Set of 5 sorts for \$1 00

Two Rare Trollius, or Globe Flowers

Ledebouri. Grows from 2 to 2½ feet high, the cup-shaped flowers opening up like a Buttercup are of a rich orange color, and while its great crop of flowers are produced during May and June, it continues to flower more or less throughout the summer.

Pumilus Yunnanensis. A new variety and entirely distinct from all others, the bright golden-yellow flowers being salver-shaped. The foliage is of a rich dark green.

Price. Either of the above, 50 cts. each. \$5.00 per doz.

VINCETOXICUM (Mosquito Plant)

Japonicum. An interesting plant from Japan, with small white flowers in summer, which attracts and kills insects. The foliage is dark green and almost evergreen. 25 cts. each; \$2.50 per doz.



TRITOMA PFITZERII

VERONICA (*Speedwell*)

Amethystina. Amethyst-blue flowers in June and July; 2 feet.

Incana. Bright silvery foliage, with spikes of amethyst-blue flowers; July and August; 1 foot.

Longifolia Subsessilis (*Japanese Speedwell*). The showiest and best of the Speedwells; forms a bushy plant 2 to 3 feet high, with long dense spikes of deep blue flowers from the middle of July to early in September.

Maritima. Long spikes of blue flowers from July to September; 2 feet.

Repens. A useful rock or carpeting plant, with light-blue flowers.

Rupestris. A fine rock plant growing 3 or 4 inches high; thickly matted deep green foliage, hidden in spring under a cloud of bright blue flowers.

Spicata. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July.

— **Alba.** A white-flowered form of the above.

— **Rosea.** A pretty pink-flowered form.

— **Rosea Erica** (*The Heather-like Speedwell*). Spikes of pretty delicate pink flowers, not unlike a splendidly flowered plant of Heather. It is of vigorous, compact habit, forming bushy plants 10 to 12 inches high, which are very attractive during its flowering season in June and July.

Virginica. Long spikes of white flowers in July and August; 3 to 4 feet.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 11 sorts, \$2.25.

We offer seed of many Hardy Perennials. See Flower Seeds, pages 51 to 116.



VERONICA LONGIFOLIA SUBSESSILIS

Viola Cornuta
Purpurea, or
G. Wermig

A variety of the tufted Pansy, forming clumps that are a sheet of bloom the entire season, and a most attractive subject for the border; the flowers, which in general appearance closely resemble the Princess of Wales Violet, make it a splendid substitute for the

latter during the summer months, when these are not to be had. (See cut.) 20 cts. each; \$2.00 per doz.; \$10.00 per 100.

VIOLAS, or TUFTED PANSIES (*Viola Cornuta*)

The improved forms of *Viola Cornuta* are one of the important bedding plants of Europe, and are rapidly growing in favor here. They flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness make them welcome additions to any garden.

Blue Perfection. Deep purplish-blue.

Lutea Splendens. Rich golden yellow.

Papillo. Violet, with dark eye; the most effective for massing.

White Perfection. A fine white.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.



VIOLA CORNUTA PURPUREA



YUCCA FILAMENTOSA

YUCCA

(Adam's Needle)

Angustifolia. A variety with narrow glaucous green foliage, very free-flowering, producing dense spikes of creamy-white flowers during June and July. 25 cts. each; \$2.50 per doz.

Filamentosa. Among hardy ornamental foliage and flowering plants, this can be classed at the head of the list. Its broad sword-like foliage and 5 to 6 feet tall, branched spikes of large, fragrant drooping, creamy-white flowers during June and July make it an effective plant for all positions. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Filamentosa Variegata. Identical with the above excepting that the foliage is beautifully and distinctly margined with creamy-white; a rare and most effective plant. (See cut.) \$1.00 each.



YUCCA FILAMENTOSA VARIEGATA

DREER'S COLLECTIONS OF THE BEST AND EASIEST GROWN

Hardy Perennial Plants

We offer customers who are not acquainted with the different sorts the following collections, at greatly reduced prices, all in good strong roots, which once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.

12 distinct species, our selection	\$2 00
25 " " " "	4 00
50 " " and varieties, our selection	7 00
100 " " " " " "	12 00

HARDY VIOLETS

The varieties listed below are not suited for forcing under glass; they are perfectly hardy, and when grown in the open border are covered with flowers in early spring.

Blanda (*White Sweet Violet*). Our native single-white Violet, faintly sweet-scented, very free flowering.

Double Russian. Fine, large, double deep purple flowers of exquisite fragrance.

Pedata (*Bird's Foot Violet*). A native variety, with finely-cut foliage and showy blue flowers.

— **Bicolor.** An elegant variety of the preceding, with the upper petals a rich royal purple; lower petals almost white.

Price, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

WALLFLOWERS

The old favorite fragrant Wallflower; mixed colors, including yellow, brown, etc. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.


Plans of Hardy Borders

We have prepared a leaflet showing a number of plans of hardy borders and including a list of suitable plants for filling same, both in sunny and shady positions. We will be pleased to send a copy of same free on application.



AN EFFECTIVE HARDY BORDER

Dreer's Select Hardy Climbing Plants

 All plants are forwarded on receipt of orders unless instructed to the contrary, and are sent by *Express*, purchaser paying charges. We can forward small plants by *Parcel Post*, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the *Mississippi River*, and 20 per cent. to points west of the *Mississippi River*.

AKEBIA QUINATA (Akebia Vine)

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 35 cts. each; \$3.50 per doz.; \$18.00 per 100.

AMPELOPSIS ENGELMANNI

A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 35 cts. each; \$3.50 per doz.; \$18.00 per 100.

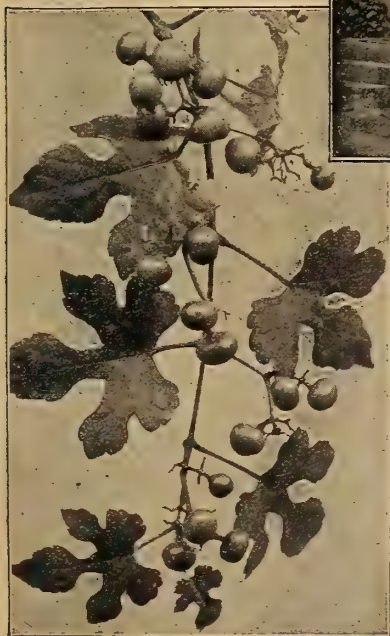
AMPELOPSIS LOWI

A splendid variation from the popular Boston or Japan Ivy, possessing all the merits of the parent, being perfectly hardy, clinging to the smoothest surface without support, and with much smaller foliage, which is deeply cut, giving it a grace and elegance entirely distinct from the old type. In spring and summer the leaves are a bright, fresh, apple-green color, changing in the autumn to various brilliant tones of orange, crimson and scarlet. Strong plants, 50 cts. each; \$5.00 per doz.

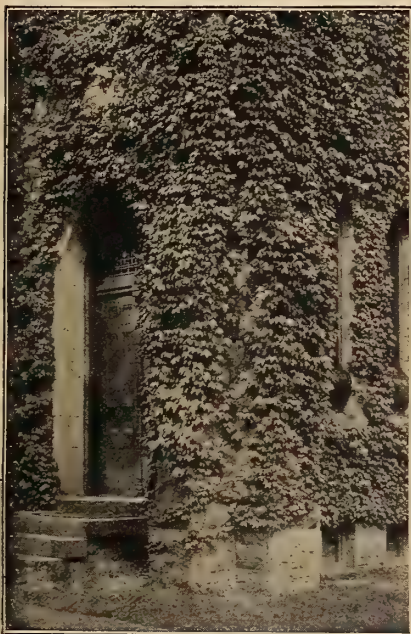
Ampelopsis Quinquefolia

(Virginia Creeper, or American Ivy)

This well-known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 35 cts. each; \$3.50 per doz.; \$18.00 per 100.



AMPELOPSIS TRICOLOR



AMPELOPSIS VEITCHI



AKEBIA QUINATA

Ampelopsis Tricolor

(Vitis heterophylla variegata)

A beautiful and desirable climber, with fine dark green foliage, wonderfully variegated with white and pink; during the late summer and fall the plant is liberally covered with attractive small berries of a peculiar lustrous metallic peacock-blue color; highly useful for trailing over rocks or for a low trellis. (See cut.) 25 cts. each; \$2.50 per doz.

AMPELOPSIS VEITCHI

(Boston Ivy, or Japan Ivy)

The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. (See cut.) Extra strong two-year-old plants, 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

TO OUR CUSTOMERS

Owing to the present scarcity of labor it will greatly relieve matters if you will favor us with your orders for Hardy Plants and take delivery of same as early in the season as possible.

ARISTOLOCHIA SIPHO

(Dutchman's Pipe Vine)

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 75 cts. each; \$7.50 per doz.

BIGNONIA (Trumpet Vine)

For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive, and borne profusely when the plants attain a fair size.

Grandiflora. Large flowers of orange-red. 50 cts. each; \$5.00 per doz.

Radicans. Dark red, orange throat, free blooming and very hardy. 50 cts. each; \$5.00 per doz.

BOUSSINGAULTIA BASELLOIDES

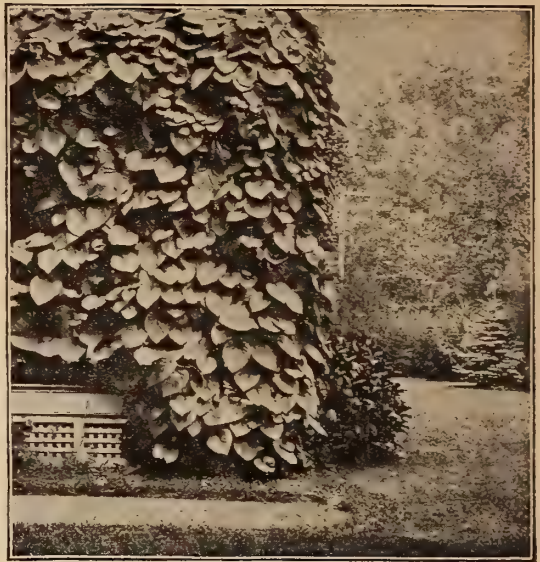
(Madeira, or Mignonette Vine)

An old-fashioned, popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Protect with litter in this latitude. Strong tubers, 15 cts. each; \$1.50 per doz.

CELASTRUS SCANDENS

(Bitter Sweet, or Wax Work)

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit, which usually remain on the plant throughout the winter. 35 cts. each; \$3.50 per doz.



ARISTOLOCHIA SIPHO

LARGE-FLOWERING CLEMATIS

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water, and, most important of all, they should be planted with the crowns three inches beneath the surface of the soil. They seem to do best in a position where they will not be exposed to the full sun during the hottest part of the day.

We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.

Anderson Henryi. Creamy white, large.

Jackmani. The popular rich purple variety.

Price. Either of the above, 60 cts. each; \$6.00 per doz.



BIGNONIA, OR TRUMPET VINE



LARGE-FLOWERING CLEMATIS

EVONYMUS

The trailing Evonymus are particularly desirable for their dense evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the box-wood as an edging plant.

Radicans. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as box-wood for an edging plant. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Radicans Variegata. A beautiful small-leaved green and white variegated form of the same habit as the type. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Radicans Vegeta. A strong-growing variety with larger leaves than the type, and producing bright orange-red berries, which remain on the plant the greater part of the winter. As an evergreen absolutely hardy wall cover this plant is unequalled. An enthusiastic horticultural writer predicts that it will become as popular for this purpose here as the Ivy is in England. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Kewensis. A new variety with very small dark green foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground, and is one of the most valuable plants for under trees where grass will not grow. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

HONEYSUCKLES

Chinese Evergreen (*Woodbine*). Very fragrant, red, yellow and white variegated flowers; dark green foliage.

Coral, or Scarlet Trumpet. Brilliant coral-red clusters of trumpet-shaped flowers throughout the summer and autumn.

Halleana (*Hall's Monthly*). Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely.

Henryi. A recent introduction from China, where it has been found at an altitude of 6000 feet, with almost evergreen foliage, and entirely distinct flowers of a peculiar bronzy-red color, produced in graceful panicles in early summer.

Variegated (*Aurea Reticulata*). Foliage beautifully mottled yellow and green.

Yellow Trumpet. Clusters of yellow trumpet-shaped flowers during summer and fall.

Price. Any of the above heavy plants, 50 cts. each; \$5.00 per doz.; \$25.00 per 100.

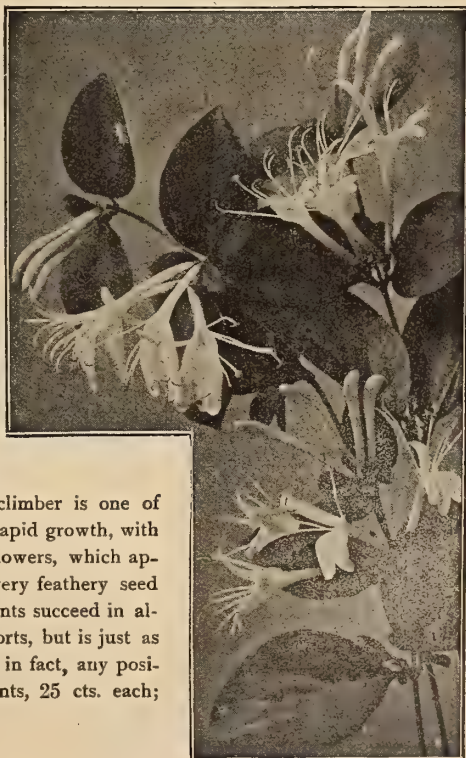


CLEMATIS PANICULATA

VARIOUS HARDY CLEMATIS

Montana Grandiflora. Of stronger growth than any other Clematis, and succeeds under the most adverse conditions, and is perfectly hardy. Its flowers, which resemble the Anemone or Windflower, are snow-white, $1\frac{1}{2}$ to 2 inches in diameter, and frequently begin to expand as early as the last week in April, continuing well through May, and are produced in such masses as to completely hide the plant. The best of the early spring-flowering climbers, of which there are but few. Extra strong 2-year-old plants, 75 cts. each; \$7.50 per doz.

Paniculata (*Japanese Virgin's Bower*). This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers, which appear in the greatest profusion in August and September, followed by silvery feathery seed pods, which make an attractive appearance until mid-winter. The plants succeed in almost any position. Not only is it adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. (See cut.) Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



HONEYSUCKLE

HOP VINES (*Humulus Lupulus*)

A useful climber. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

HARDY ENGLISH IVY

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, in 4-inch pots, 30 cts. each; \$3.00 per doz.; \$20.00 per 100. Extra large plants, in 7-inch pots, 6 feet high, \$2.00 each.

HARDY JASMINE

Nudiflorum. Favorite climber for sheltered positions; hardy south of Philadelphia; fragrant yellow flowers. 35 cts. each; \$3.50 per doz.

LATHYRUS (*Hardy Everlasting Pea*)

One of the best and most desirable flowering hardy climbing plants, attractive both in flower and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

Latifolius. Deep rosy-red. } 25 cts. each; \$2.50 per doz.
— **Albus.** Pure white.

— **White Pearl.** A magnificent pure white variety, with individual flowers fully double the size of the ordinary sort and produced throughout the entire summer and early fall. Strong roots, 50 cts. each; \$5.00 per doz.

LYCIUM BARBARUM (*Matrimony Vine*)

A very ornamental shrubby climber, which has appropriately been called "the general utility vine," of strong growth, bearing small purplish flowers in summer, followed by a prodigious crop of scarlet berries, which remain on the vine until late in winter. 50 cts. each; \$5.00 per doz.



HARDY ENGLISH IVY

Pruearia Thunbergiana (*Ku dzu Vi*)

The most rapid growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25 cts. each; \$2.50 per doz.

Schizophragma Hydrangeoides

(Climbing Hydrangea)

A most desirable plant for covering the trunks of trees, rough stone walls or similar rough surfaces where it can support itself naturally. While of slow growth when first planted it makes rapid progress after it becomes thoroughly established at the root, and while it prefers a partially shaded position it will do well in full sun. It blooms in July and August, in large terminal cymes of white hydrangea-like flowers, and a large plant with hundreds of blooms is very attractive. Extra strong plants, \$1.25 each.

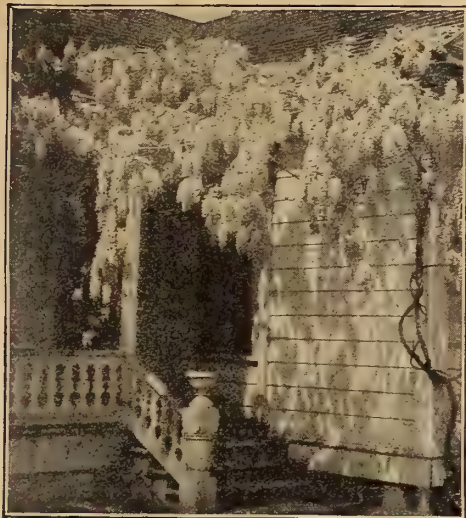
VITIS

Henryana. A recent introduction from China, with foliage similar to but not as large as the Virginia creeper, the leaves being of greater substance, and prettily variegated. The ground color is a deep velvety-green, the midrib and principal veins of silvery white. The variegation is most pronounced in the autumn, when the green ground color changes to red. 50 cts. each; \$5.00 per doz.

Humulifolia (*Turquoise-berry Vine*). One of the most desirable very hardy climbers, with glossy-dark green leaves, which are insect and disease proof, always presenting a clean, fresh appearance. In late summer and fall the plant is loaded with berries, which are very attractive in the various stages of ripening, passing through many shades of blue, finally turning blue-black. 25 cts. each; \$2.50 per doz.



LATHYRUS "WHITE PEARL"



WISTARIA SINENSIS

WISTARIAS

One of the best hardy climbers, producing their great trusses of flowers in abundance during the month of May with some scattering bloom in August and September. While they succeed in any kind of soil they should be liberally fed when first planted to give them a vigorous start. (See cut.)

Multijuga. A Japanese variety, bearing loose panicles frequently 3 feet long of deep purple flowers.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

— **Alba.** Of similar habit to Sinensis, with pure white flowers.

Price, any of the above, strong plants, 60 cts. each.

HARDY CLIMBING ROSES

We offer a splendid up-to-date selection of these in strong two-year-old potted plants. For descriptions and prices see pages 163 and 164.

We will greatly appreciate the co-operation of our customers in relieving the present scarcity of labor by sending in their orders for hardy plants and taking delivery of same as early in the season as possible.

HEDGE PLANTS

BOXWOOD EDGING

Bushy plants, 4 to 5 inches high, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000.

Berberis Thunbergi (Japan Barberry).

Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart.

Extra strong 3-year-old plants, 18 to 20 inches high, \$2.00 per doz.; \$15.00 per 100; \$120.00 per 1000.

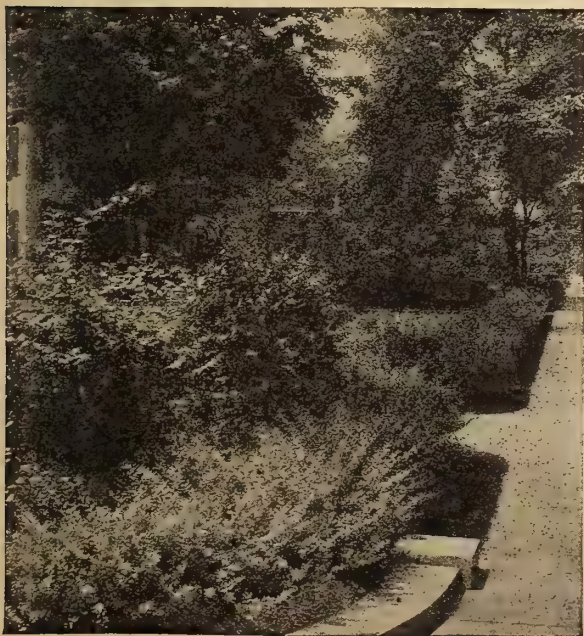
California Privet (*Ligustrum Ovalifolium*).

Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Plant 1-year-old plants 8 inches apart, the 2-year-old plants 10 to 12 inches apart.

The plants offered below are strong, heavy, bushy plants of the heights specified, but as these plants, for best results, should be cut back severely when planted we will cut them down to 18 inches in height in order to conserve space in packing and cost of transportation.

Strong 1-year-old plants, 24 inches high, \$4.00 per 100; \$30.00 per 1000.

Strong 2-year-old plants, 30 inches high, \$6.00 per 100; \$50.00 per 1000.



HEDGE OF BERBERIS THUNBERGI



CALIFORNIA PRIVET HEDGE

CHOICE HARDY SHRUBS

Note.—Shrubs will be shipped on receipt of orders unless instructed to the contrary. They are too large and heavy to be sent by Parcel Post, and can only be forwarded by Express or Freight at purchaser's expense. We make no charge for boxes or packing.



ALTHEA WILLIAM R. SMITH

Abelia Chinensis Grandiflora. A choice small Shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. 35 cts. each.

NEW GIANT-FLOWERED ALTHEA WILLIAM R. SMITH

Everyone will be pleased with this splendid variety; one of our own introductions.

The habit of the plant is ideal, naturally forming attractive, symmetrical, bushy specimens, while the glistening pure white flowers are of giant size compared to all other sorts, being fully 4 inches in diameter under ordinary cultivation, and open out flat or salver-shaped quite different from the older types which only partially expand; these large, showy flowers are produced in great profusion from early in July until late in September, and are very conspicuous at a period when comparatively few Shrubs are in bloom. Two-year-old plants, 50 cts. each; \$5.00 per doz.

Azalea Amcena. This little gem is practically evergreen, and in late spring the plants are literally smothered with masses of rosy crimson flowers. We offer bushy spreading plants, 12 inches in diameter, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

— **Hinodegiri.** A Japanese variety, growing about 2½ feet high and producing great masses of very bright, fiery-red, single flowers. Very desirable on account of its brilliant color. Strong bushy plants, 10 inches high, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

— **Ledifolia Alba.** A choice hardy variety, producing in late spring large pure white flowers similar to the well-known Azalea Indica Alba. It is very free-flowering, and is valuable to plant in connection with high-colored Azaleas and Rhododendrons, or as an individual specimen. Strong bushy plants, 15 inches high, 75 cts. each; \$7.50 per doz.

Azalea Mollis Mixed. All the choicest Mollis varieties in mixture, including yellow, orange, red, etc. Strong plants, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

— **Pontica Mixed.** Pontica sorts in a splendid range of colors. \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

— **Yodogawa.** This charming species is a perfect gem. It grows about 3 feet high, and early in May, before all other varieties, is literally covered with semi-double lavender-pink flowers, a shade at once distinct from all others and very pleasing. Strong plants, \$1.25 each; \$12.00 per doz.

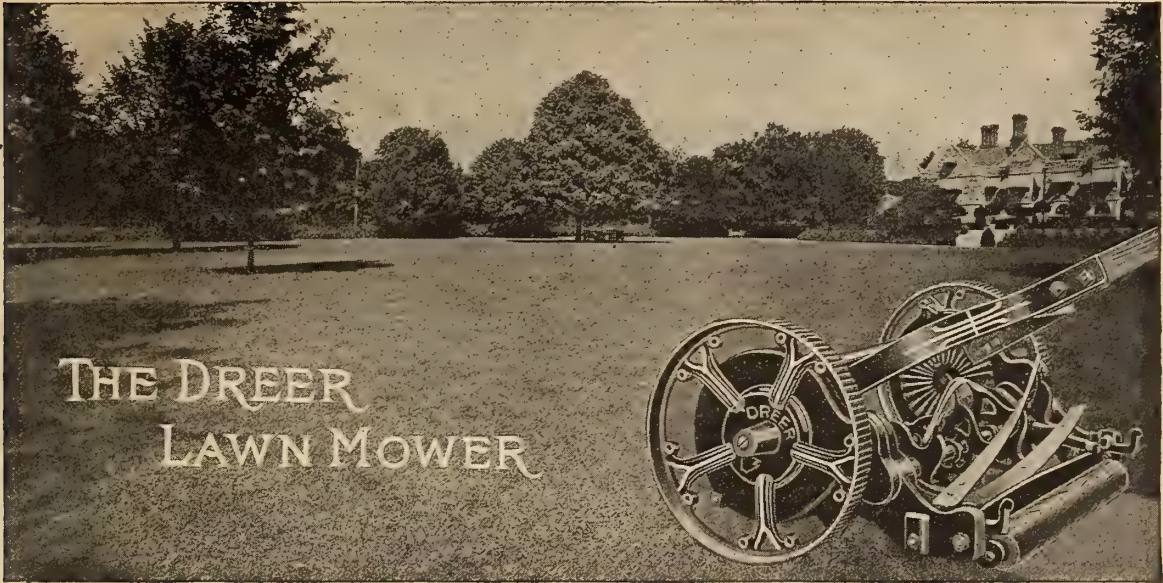
Buddleia Variabilis Veitchiana (*Butterfly Shrub or Summer Lilac*). One of the most desirable summer flowering shrubs, beginning to bloom in July, it continues until cut by severe frost. The flowers are of a pleasing shade of violet-mauve, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted, and is always admired. 30 cts. each; \$3.00 per doz.; \$18.00 per 100.

Hypericum Patulum Henryi. A new hardy St. John's Wort of shrubby habit, growing from 2½ to 4 feet high, producing masses of large clear yellow flowers during July and August, and retaining its neat foliage until late in the Autumn. A most desirable Shrub. 50 cts. each.



BUDDLEIA (Butterfly Shrub)

TOOL, IMPLEMENT AND SUPPLY DEPARTMENT



The "Dreer" Lawn Mower has no superior, and is now extensively used on private and public grounds. The High Wheel is easiest running, has ten-inch drive wheels, and can be supplied with either four or five blades in the revolving cutter. For frequently mown lawns we advise the five blade machines, as they cut smooth, although the four blades does excellent work. The Low Wheel is built on the same plan, but with four blades only. Grass catchers can be supplied for both machines when ordered. **The Dreer Lawn Mower is Guaranteed.** We can furnish all repairs at short notice. (Send for special circular).

"DREER" HIGH WHEEL, MOWER

	With 4 Blades.	With 5 Blades.
15-inch cut	\$17 75	\$18 50
17 " "	19 50	20 50
19 " "	22 00	23 00
21 " "	24 00	25 00

Pennsylvania "Grand" Horse Lawn Mower

This machine, in addition to the good qualities of the well-known Pennsylvania Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride. 30-inch cut, 4 blades, \$97 50; 6 blades.....\$112 50
38 " " 4 " 125 00; 6 " 140 00
With shafts, seat and footboard, as illustrated below, add \$17.50 to the 30-inch and \$15.00 to the 38-inch size.

PENNSYLVANIA HORSE LAWN MOWER

30-inch cut, 4 blades, \$87 50; 6 blades.....\$102 50
38 " " 4 " 110 00; 6 " 125 00
With Shafts, Seat and Footboard add \$17.50 to the 30-inch, \$15.00 to the 38-inch size.
25-inch Pony Mower, 4 blades, \$50 00; 6 blades.....\$60 00

"DREER" LOW WHEEL MOWER

12-inch cut, 4 blades..\$11 00	16-inch cut, 4 blades..\$14 00
14 " " " .. 12 50	18 " " " .. 15 50

GRASS CATCHERS FOR "DREER" MOWERS

12-inch (Low Wheel)..\$2 50	15-inch (High Wheel)..\$3 00
14 " " " .. 2 75	17 " " " .. 3 00
16 " " " .. 3 00	19 " " " .. 3 25
18 " " " .. 3 00	21 " " " .. 3 50

PENNSYLVANIA BALL BEARING LAWN TRIMMER

For cutting around boarders and flower beds, and close to wall, fence or stone coping. 6-inch cut. Price, \$9.00.

PENNSYLVANIA UNDERCUT BALL BEARING LAWN TRIMMER

6-inch cut..... Price, \$10.00

COLDWELL HORSE LAWN MOWER

Is used in many public parks and private estates. Price complete with shafts, seat and side draft attachment, which keeps the horse on the cut grass; 30-inch cut, \$90.00; 35-inch, \$110.00; 40-inch, \$135.00; 25-inch Pony, without shafts, \$60.00.

OILERS

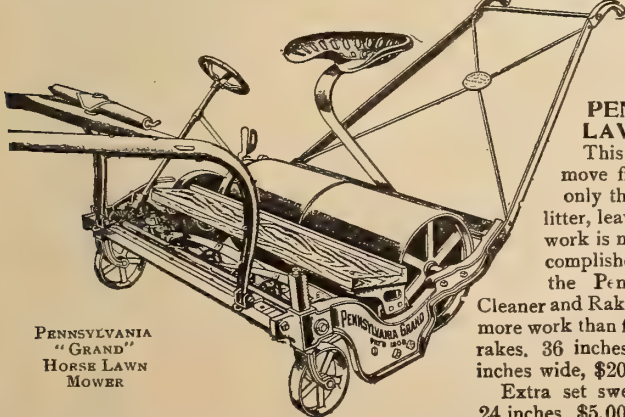
Copperized steel, 40 cts.; extra large, 50 cts.; zinc, 35 cts.

SPECIAL LAWN MOWER OIL

1 qt., \$0.50; 1/2 gal., \$0.75; 1 gal., \$1.00

HORSE LAWN BOOTS

Golf Links Boots, all leather, per set.....\$15 00
Flat Sole, heavy leather, " " 15 00
All steel, plain, \$12.00; with leather taps.... 15 00



PENNSYLVANIA
"GRAND"
HORSE LAWN
MOWER

PENNSYLVANIA LAWN CLEANER

This machine will remove from the lawn not only the cut grass, but all litter, leaves and trash. This work is most effectually accomplished by the use of the Pennsylvania Lawn

Cleaner and Rake. One man can do more work than four men with hand rakes. 36 inches wide, \$30.00; 24 inches wide, \$20.00.

Extra set sweeping brushes for 24 inches, \$5.00.



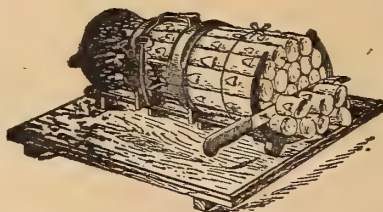
PENNSYLVANIA LAWN CLEANER

We can supply Pennsylvania, Continental and Philadelphia Hand Lawn Mowers also Motor Power Mowers. Write for Catalogues and Prices.

THIS department aims to keep every first-class Tool and Implement needed for the easy and rapid cultivation of the Flower and Vegetable Garden, Greenhouse and Farm. Owing to the present unsettled conditions, prices on Tools and Sundries are subject to change without notice.



STABLE PUSH BROOM



PHILADELPHIA ASPARAGUS BUNCHER



BRASS DIBBLE



DOCK OR WEED LIFTER



WIRE FRUIT PICKER



WIRE CARNATION SUPPORT



GRAPE BAGS

WIRED GRAPE BAG

FRUIT PICKER, WITH BAG



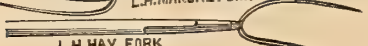
MANURE FORK



DIGGING FORK



L.H. MANURE FORK



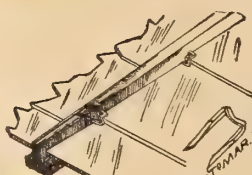
L.H. HAY FORK



DOCK EXTRACTOR



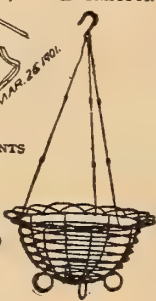
GRASS HOOK OR SICKLE



PEERLESS GLAZING POINTS



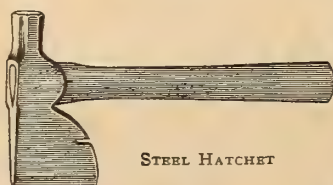
GRAFTING TOOL



WIRE HANGING BASKET



GARDEN REEL



STEEL HATCHET



HAND WEEDING FORK



FUMIGATING LAMP



PRUNING AND GARDEN GLOVES

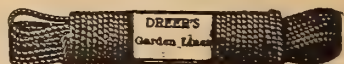


GRASS EDGING KNIFE



ASPARAGUS KNIFE

IMPROVED ASPARAGUS KNIFE



DIAMOND GLASS CUTTER

- Asparagus Buncher.** Acme, \$3.50; Philadelphia... \$3 50
Asparagus Knife. American, 60 cts.; Improved... 75
Axe. Best quality, heavy handled... 2 50
Bill Hook. Short handle, \$2.50; long handle... 3 00
Brooms. (Stable.) Push, rattan or cocoa... 1 50
 " " Upright, corn or rattan... 1 25
Carnation Supports. Wire, 2 ring, doz., 75 cts.; 100, \$5.50; 3 ring, doz., 85 cts.; 100... 6 50
Dibbles. All iron, 50 cts.; iron point, 60 cts.; brass point 80
Dock Extractors. Heavy, for field use... 3 50
 " or Weed Lifter. Small, 17 inches, 75 cts.; large, 25 inches... 85
Forks. Hand weeding, steel, 50 cts.; long handle... 75
 Digging or spading, 4-pronged, D. handle, \$2.00; 5-pronged, \$2.25; boys' or ladies', 4-tine... 1 25
 Manure, long handle, 4-tine, heavy, \$1.75; 5-tine... 2 00
 Manure, D handle, 4-tine, medium, \$1.50; 5-tine... 1 75
 Hay, long handle, 2-tine, \$1.50; 3-tine... 1 75
Fumigating Lamp. (Metal.) For vaporizing nicotine. 75
Fruit Pickers. Wire, without pole... 60
 " " with bag, without pole... 75
 " " no Bruze, with 4-ft. handle... 1 50
 " " " " 6 ft. " " 1 75
 " " " " 8-ft. " " 2 00
Garden Reels. Iron, small, \$1.00; large... 1 50
 Galvanized, single, \$2.50; double, heavy... 3 00
Garden Lines. Best Italian Hemp, 30 ft., 45 cts.; 60 ft., 90 cts.; 90 ft., \$1.35; 120 ft., \$1.80; 150 ft., \$2.25; 180 ft., \$2.70; 240 ft., \$3.60; 300 ft., heavy... 4 50
Garden Tool Sets. Children's, \$1.50; Ladies', large size 1 75
Glass Cutter. Diamond, \$3.00 and \$4.00; steel wheel 15
Glazing Points. Peerless. (Improved Van Reyper.) Made in three sizes, viz.: No. 1 for small single thick glass; No. 2, for medium double thick glass; No. 2½, for large double thick and skylight glass. Price, per 1000, 75 cts.; postpaid... 90
Glazing Points. Siebert's (zinc brads), 1000 to 1200 to the pound, sizes ⅜ and 7⁄8 inch long, per pound... 75
Gloves. Used for gardening or pruning thorny plants... 2 25
Grass Edging Knives. With handles, English steel, 8-inch, \$1.75; 9-inch, \$2.00; American steel, 9-inch... 1 25
Grass Hooks or Sickles. English, riveted back, No. 0, 70 cts.; No. 1, 75 cts.; No. 2, 85 cts.; No. 3... 1 00
 Little Giant, 75 cts.; English, solid, 60 cts.; Dreer's... 75
Grafting Tool. Small, 85 cts.; large (see illustration) 1 25
Grafting Wax. ¼ lb., 15 cts.; ½ lb., 25 cts.; 1 lb... 40
Grape Bags. Paper, plain, per 100, 25 cts.; per 1000 2 00
 With wire, per 100, 50 cts.; per 1000... 4 50
Hanging Baskets. Galvanized wire, 8-inch, 25 cts.; 10-inch, 35 cts.; 12-inch, 45 cts.; 14-inch... 60
Hammers. Claw, medium weight... 1 50
Hatchets. Medium or heavy... 1 50

Prices on Tools and Sundries subject to change without notice

DREER'S RELIABLE



GARDEN AND GREENHOUSE HOSE



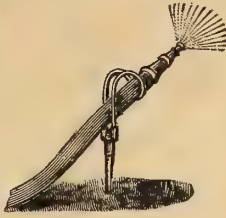
COMBINATION HOSE NOZZLE



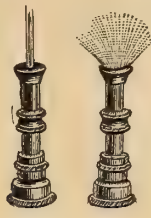
POTATO HOE



BRASS HOSE COUPLER



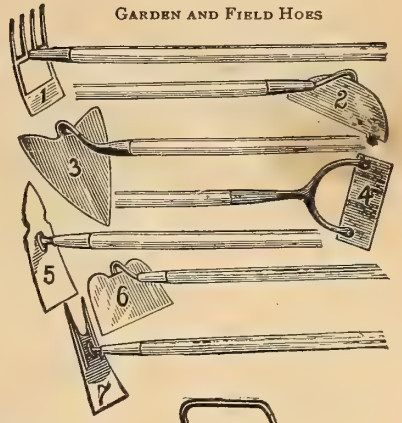
HOSE NOZZLE HOLDER



GEM NOZZLE

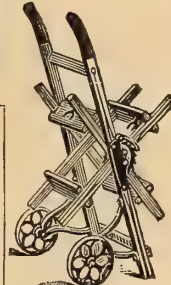


BOSTON NOZZLE



GARDEN AND FIELD HOES

- Hose Rubber.** Dreer's Reliable Garden and Greenhouse Hose.
 Extra quality... $\frac{3}{4}$ -in., per ft., 15c. | Riverton Moulded, $\frac{3}{4}$ -in., per ft., 17c.
 Fine..... " " 18c. | " " " " $\frac{3}{4}$ -in., " 20c.
 Wire-wrapped.. " " 20c. | Chicago Electric, $\frac{3}{4}$ -in., " 22c.
- Hose Nozzles.** Boston, coarse or fine, \$1.00; Boss, \$1.00;
 Gem, 85 cts.; brass combination, rose and stream.....\$1 50
- Hose Nozzle Holder.** Wire. (See illustration)..... 25
- Hose Clamps.** (Sherman's.) Each, 8 cts.; per doz..... 75
- Hose Couplers.** Brass, $\frac{3}{4}$ -in., per pair, 30 cts.; per doz. pairs. 3 50
- Hose Menders.** Jones, iron, each, 8 cts.; per doz..... 75
 " " Cooper's, brass, each, 10 cts.; per doz..... 1 00
 " " Perfection, each 12 cts.; per doz..... 1 25
- Hose Reels.** Wood to hold 50 feet, \$2.50; to hold 100 feet... 3 00
 Wirt's, iron, No. 1, to hold 50 feet, \$2.75; No. 10, 100 feet,
 \$4.50; No. 20, 150 feet, \$5.00; No. 30, 500 feet..... 8 00
- Hoes.** Celery, 15-inch blade, \$2.00; grubbing..... 2 00
 Weeding (Fig. 1), with 4-tooth rake, 90 cts.; 6-tooth rake... 1 00
 Half Moon (Fig. 2), 3-in., 85 cts.; 4-in., 90 cts.; 5-in., 95
 cts.; 6 in., \$1.00; 7-in., \$1.05; 8-in..... 1 10
 Warren (Fig. 3), three sizes, \$1.00, \$1.05 and..... 1 10
 Scuffle (Fig. 4), 4-in., 90 cts.; 5-in., \$1.00; 6-in., \$1.10; 7-
 in., \$1.20; 8-in., \$1.30; 9-in., \$1.40; 10-in..... 1 50
 Garden (Fig. 5), 1 pt., 70 cts.; (Fig. 7), 2 pt., 75 cts.; 3 pt.. 80
 Square (Fig. 6), 6-in., \$1.00; 7-in., \$1.05; 8-in..... 1 10
 Potato, 4 pronged, \$1.50; Mehler's Handy Hoe..... 1 50
- House Frame.** 12 x 16 in., for raising young plants..... 2 00
- Hotbed Sash.** Unglazed, \$3.25; glazed and painted..... 7 00
- Sunlight Sash.** A double sash with many advantages; never has to
 be covered, retains the heat, excludes the cold, glass slips in, easily
 repaired. Furnished 3 x 6 ft. unglazed, or glazed and painted. *Send*
for circular and prices.
- Hotbed Mats.** For Hotbeds and Cold Frames. One side
 waterproof, 40 x 76-in., \$2.50; per doz., \$28.00; 76 x 76-in.,
 \$4.00; per doz..... 44 00
 Plain nonwaterproof, 40 x 76 in., \$2.25; per doz., \$26.00;
 76 x 76-in., \$3.50; per doz..... 40 00
 Straw, 3 x 6 ft., \$1.50; 6 x 6 ft..... 2 50
- Knives.** Pruning, American, 75 cts., \$1.00 and..... 1 25
 " " Combination two-bladed, \$1.25 and..... 1 50
 Budding, Dreer's Special..... 1 50
 " " Ivory Handle, \$1.50 and..... 1 75
 Corn and Hedge, American, 75 cts.; Little Giant..... 1 00
 Brush, American, \$2.00; English..... 2 50
 Gooseberry, Raspberry and Currant Pruning..... 1 50
- Labels.** Wood, painted, for pots: SIZE. PER 100. PER 1000.
 4-inch.....\$0 20 \$1 25 6-inch.....\$0 35 \$2 00
 4 $\frac{1}{2}$ " 25 1 50 8 " 75 5 50
 5 " 30 1 75 10 " 90 7 00
 12 " 1 00 8 50
 3 $\frac{1}{2}$ -in. wood, for trees, shrubs, etc., copper wired.. 40 2 50
 Copper, indestructible, No. 2. heavy, doz., 35 cts.; gross.... 3 50
 " " " " light, doz., 30 cts.; gross.... 3 00
 White Metal, per doz., 25 cts.; per gross..... 2 00
 Zinc, small, per 100, \$1.50; medium, \$2.00; large..... 3 00
- Label Ink.** Indelible, for zinc labels, per bottle..... 35
- Label Pencils.** Special black, each, 10 cts.; per doz..... 1 00



WOOD HOSE REEL



BOSS NOZZLE



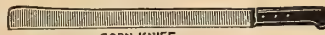
WIRT'S IRON HOSE REEL



PRUNING KNIFE



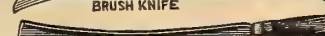
BUDDING KNIFE



CORN KNIFE



BRUSH KNIFE



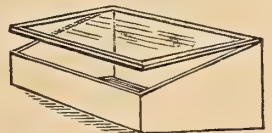
CORN OR HEDGE KNIFE



SHERMAN HOSE CLAMP



JONES' HOSE MENDER



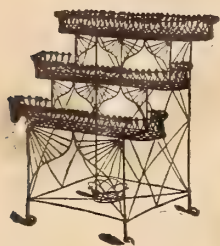
HOUSE FRAME



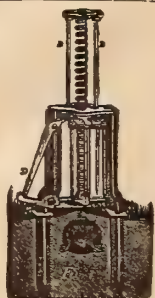
PAINTED WOODEN LABELS



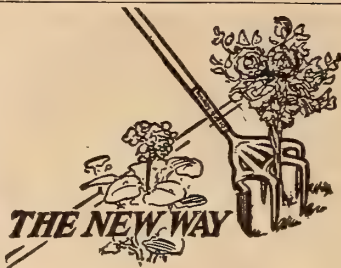
HOT BED AND COLD FRAME MATS



SQUARE WIRE PLANT STAND



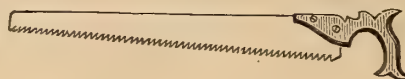
OLMSTEAD MOLE TRAP

MEHLER'S HANDY GARDENER
Patented Nov. 8, 1910

MATTOCK

DREER'S IRON PLANT
STAND

CORN HUSKING PIN



TREE PRUNING SAW

WIRE POT
HANGER

RAFFIA

POT
BRACKET
(IRON)

FLOWER GATHERING SCISSORS



DREER'S SPECIAL SHEAR



GRAPE THINNING SCISSORS



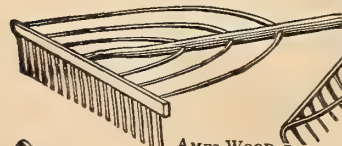
GRAPE SHEAR



FRENCH SHEAR



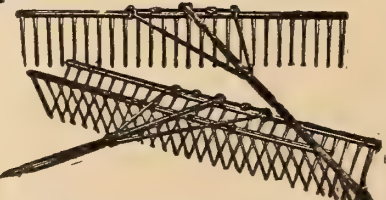
ENGLISH LAWN SCYTHE

AMES WOOD
LAWN RAKE

STEEL BOW RAKE



STEEL GARDEN RAKE



LAWN KING RAKE



CAHOON SEED SOWER



AUTOMATIC SELF-CLEANING RAKE

HUSTLER LAWN RAKE (WIRE)

Mattocks.	Light, \$.00; medium, \$2.25; heavy...	\$2 50
Mehler's Handy Gardener.	Combined garden tool.	1 25
Mole Traps.	Olmstead (one of the best), \$2.00; Reddick	1 50
" "	Out-O-Sight	1 00
Pins, Husking.	Stamped steel, 25 cts.; solid steel	35
Pot Brackets (Iron).	One Pot, 50 cts.; two Pots...	75
" "	(Steel). For 5-in. pots, 45 cts.; for 6-	
" "	in. pots, 50c.; for 7-in. pots	55
Pot Hangers.	For 5, 6, 7, 8-in. pots, each 5 cts.; doz	50
Plant Stands (Wire).	2-shelf, square or half round.	6 50
" "	" 3 " " "	7 50
" "	" 2 " " collapsible	4 00
" "	" 3 " " "	5 00

Plant Stands, Iron, Dreer's:

SIZE.	BLACK GALVANIZED.	SIZE	BLACK GALVANIZED.
15-in.	\$1 25	30-in.	\$1 75
18 "	1 35	36 "	2 00
24 "	1 50		2 50

Plant Bed Protecting Cloth.

A substitute for glass.
Light grade, 20 cts. per yard; piece of 65 yards, 18 cts.
per yard. Medium grade, 30 cts. per yard; piece of 60
yards, 26 cts. per yard. Heavy grade, 45 cts. per yard;
piece of 50 yards at

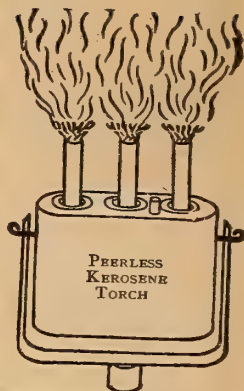
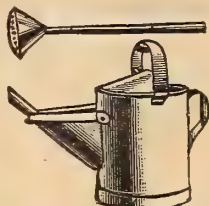
Picks.	Light, \$2.00; medium, \$2.25; heavy...	2 50
Rakes.	Gravel, with short teeth; for walks and drive-	
	ways, 14 teeth, \$1.05; 16 teeth, \$1.10; 18 teeth...	1 15
	Steel Garden, 8 teeth, 80 cts.; 10 teeth, 85 cts.; 12	
	teeth, 90 cts.; 14 teeth, 95 cts.; 16 teeth	1 00
	Bow steel. 9 teeth, \$1.10; 11 teeth, \$1.15; 13 teeth,	
	\$1.20; 15 teeth	1 25
	Hustler, galv., steel wire, 24 teeth, \$1.00; 36 teeth...	1 25
	Lawn King, wood, 22 teeth, 75 cts.; 26 teeth, \$1.00;	
	38 teeth, \$1.25; 50 teeth	1 50
	Automatic, self-cleaning, wood, 22 teeth, \$1.00; 26	
	teeth, \$1.25; 38 teeth, \$1.50; 50 teeth	2 00
	Ames, wood, 24 teeth, \$1.00; Globe, wood, 20 teeth.	60
	Ole Olsen, 25 teeth (the teeth are close set and well made)	85
Raffia.	Natural color. For tying plants. Per lb.,	1 00
Saws.	Pruning, 14-inch, \$1.35; 16 inch, \$1.50; 18-	
	inch, \$1.65; 20-inch, \$1.80; 24-inch	2 00
	Double edge, "Lightning," 16-inch	1 25
	Adjustable Pole Tree Saw, 18-inch blade, without pole	1 75
Scissors.	Thinning, nickel, 7-in., \$1.75; 8-in.	2 00
	Flower gathering, nickel, 7-in., \$1.75; 8 in	2 00
Scythes.	English lawn, riveted back, 30 and 32 in., \$3.00;	
	34-in., \$3.15; 36 in., \$3.25; 38-in	3 50
	American Lawn, \$2.50; heavy bush, short blades	2 50
Scythe Stones.	English, 35 cts.; Darby, 20 cts.; Car-	
	borundum	30
Scythe Snath.	Improved pattern	1 50
Seed Sower.	Cahoon, broadcast	4 50
Shears, hand-pruning.	Dreer's Special, 9-in., heavy	2 25
	French 7-in., \$2.00; 8-in., \$2.25; 9-in	2 50
	First Quality. 7-in., \$1 25; 8 in., \$1.50; 9-in	1 75
	Second Quality. 8-in., \$1 00; 9-in	1 25
	Ladies Nickel. 6-in., best quality	1 50
	Grape Pruning or Thinning	75

Prices on Tools and Sundries subject to Change without notice.

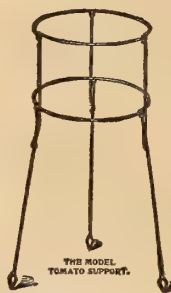
DREER'S RELIABLE THERMOMETERS.

HOTBED, DAIRY,
OR
MUSHROOMCOPPER
CASESELF-
REGISTERINGDREER'S
SPECIALWIRE TRELLIS
FOR VINES
SPECIAL SIZES
MADE TO ORDER

ASBESTOS TORCH

PEERLESS
KEROSENE
TORCHOVAL GALVANIZED
WATERING CAN.ROUND GALVANIZED
WATERING CANLIGHT GALVANIZED
WATERING CAN

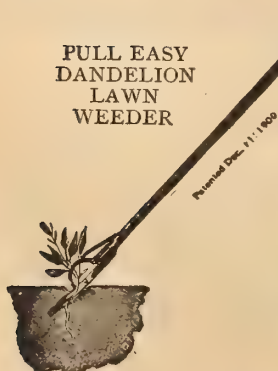
EXCELSIOR WEEDER

PEONY OR
TOMATO TRELLISEUREKA
WEEDER

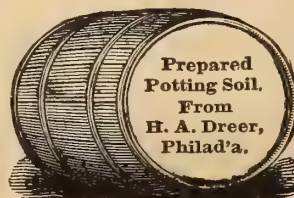
RAFFIA

TREE
SCRAPER

JUTE TYING TWINE

PUTTY
DISTRIBUTORPULL EASY
DANDELION
LAWN
WEEDER

LANG'S WEEDER

Prepared
Potting Soil.
From
H. A. Dreer,
Philad'a.**Thermometers.** While we use great care in packing, thermometers are shipped at purchaser's risk.

Dreer's Special, oxidized scales, 8 in., \$1.50; 10 in. \$2 00
Tin, Japanned, tested, 8 in., \$1.50; 10 in. \$1.75; 12 in. 2 00
Copper case, tested, 8 in., \$1.75; 10 in. 2 00
Conservatory, porcelain, scale, large figures, \$1.50 and 2 00
Self-registering, tin case, \$4.00; copper case. 4 50
Hotbed or Mushroom, iron point, \$2.00; brass point. 2 75
Dairy or hotbed, standard tested (glass). 1 25

Torch for burning caterpillars' nests. Asbestos, 65 cts.,
Peerless kerosene. 1 00

Tree Scrapers. Steel 10 and 20 in. handle. 1 00

Trellis. Peony or Tomato (Wood), each 35 cts.; doz. 4 00

Trellis. Peony or Tomato (Wire), each 35 cts.; doz. 4 00

Trellis Wire (see illustration). For small vines, etc.,
12 in., 25 cts.; 15 in., 30 cts.; 18 in., 40 cts.; 24 in. 50

Watering Cans. Galvanized. Two qualities, heavy
and light. The light has one rose. The heavy has
brass tips and two copper-faced roses. Extra roses heavy. 75

	LIGHT ROUND	HEAVY ROUND	HEAVY OVAL
4 qt.	\$1 00	\$3 50	
6 "	1 25	3 75	4 00
8 "	1 50	4 00	4 25
10 "	1 75	4 25	4 50
12 "	2 00	4 50	4 75
16 "	2 25	4 75	5 00

Low, for greenhouse, galvanized. 2 75

Window garden. Light weight, painted green, 2 qts.,

1.25; 4 qts., 1.50; 6 qts. 2 00

Weeders. Excelsior, 15 cts.; Lang's, 25 cts.; Eureka, 50

(See also Dock Extractors and Spuds.) Hazeltine. 50

Pull Easy Dandelion Lawn Weeder. 1 00

Wheelbarrows. Garden. (See page 253.)

SUNDRIES

Leaf Mould. Sack, barrel quantity, \$2.25; 5 bbls., \$10.00.

Pebbles. Qt., 20 cts.; peck, 50 cts.; bus., \$1.50.

Propagating Sand. Peck, 35 cts.; bu., \$1.00; sack, barrel
quantity, \$2.25; 5 bbls., \$10.00.

Prepared Potting Soil. Peck, 35 cts.; bu., \$1.00; sack,
barrel quantity, \$2.25; 5 bbls., \$10.00.

Prepared Bulb Fibre. 60 cts. per peck; \$2.00 per bushel.

Sphagnum Moss. For growing Orchids and packing plants
and trees, etc. Small bale, \$1.50; Large bale, \$3.50.

Jersey Peat. Sack, barrel quantity, \$2.50; 5 bbls., \$10.00.

Oregon Peat. For Orchids. Lb., 15 cts.; per bbl. or sack,
\$2.50.

Green Cotton Twine. For tying. Lb., \$1.25.

White Cotton Twine. For tying. Lb., \$1.00.

Jute Twine. For tying plants and vegetables. 2, 3 and 5
ply. Ball, 20 cts.; per lb., 40 cts.

Silkline. A strong green thread for tying plants; used for
Smilax and Asparagus Vine. Per spool, 35 cts.; lb., \$2.50.

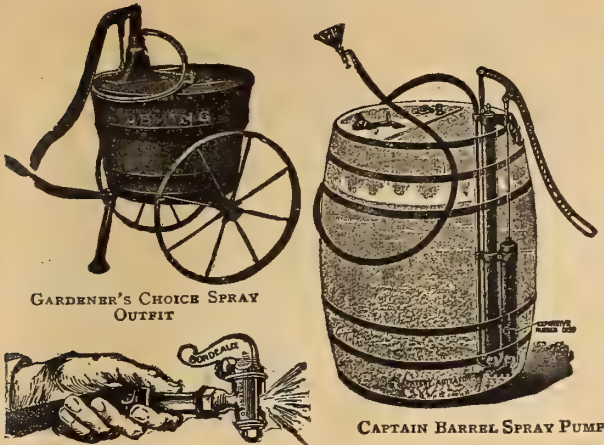
Raffia. For tying plants. Per lb., \$1.00.

Mastica. A substitute for putty for greenhouse glazing, \$2.00
per gal.; in lots of 5 gals. and over, \$1.95 per gal.

Mastica Machine. For applying Mastica, \$2.25.

Putty Distributor. For putty or Mastica. \$1.25.

Twemlow's English Liquid Putty. 1 gal., \$3.00; 5
gals. \$14.50; 10 gals. \$28.00.



Spraying is essential to produce good crops, and since the introduction of spraying apparatus, which are simple and economical, a complete Spraying Outfit is an indispensable requisite.

SPRAYERS AND SPRAY PUMPS

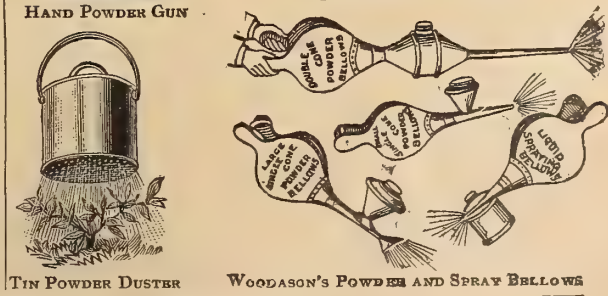
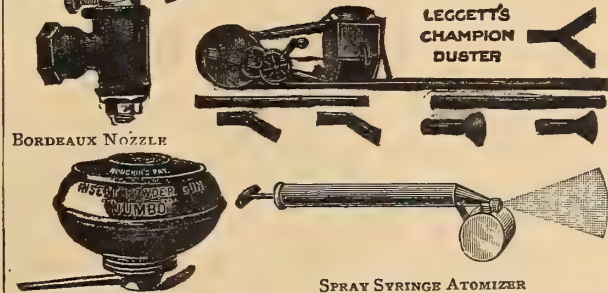
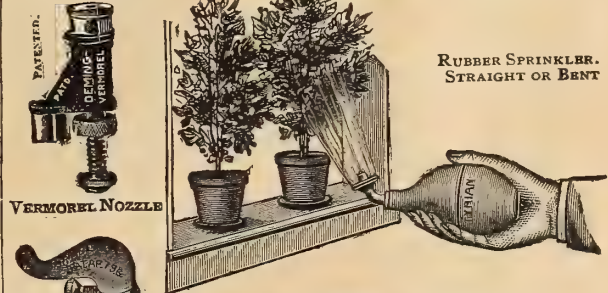
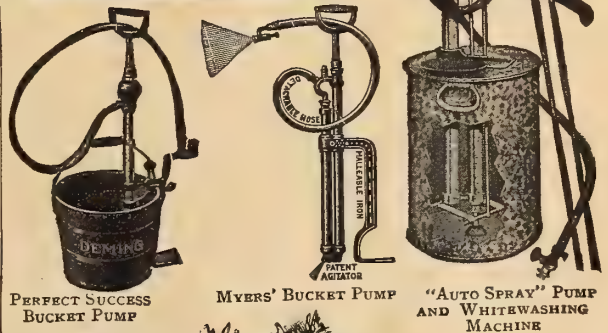
- Auto Spray.** Holds 4 gallons; easily carried; one pumping will spray 10 minutes. Galvanized iron, \$7.00, with Auto Pop Nozzle, \$7.50; Brass, \$10.50, with Auto Pop Nozzle, \$11.00; Auto Pop Nozzle separate, \$2.00; Brass extension rod, 60 cts. Galvanized extension rod.....\$ 45
- Perfection Automatic Tank Sprayer.** Complete with hose and nozzle. Galvanized, \$8.00; Brass..... 11 00
- Auto Spray Pump and Whitewashing Machine.** A general purpose sprayer; fitted with 8 feet of hose, 8 feet extension pipe, with Vermorel nozzle; holds 8 gallons. Galvanized, \$18.50; Brass..... 24 00
- Deming's "Gardener's Choice" Spray Outfit.** A tank on wheels, holds 25 gallons, fitted with a powerful pump; complete with 6 feet hose and nozzle 35 00
- Deming's "Century" Barrel Spray Pump.** A powerful pump; complete with hose and nozzle..... 19 00
- "Captain" Barrel Spray Pump.** A durable pump, has brass chamber complete with hose and nozzle..... 14 50
- Samson Double-acting High Pressure Pump.** For large orchards. Plain without hose..... 55 00
- "Perfect Success" Bucket Pump.** One of the best. Complete with hose and nozzle, \$7.00; with extra 7 ft. length of hose and fittings..... 8 90
- Success Bucket Pump.** Complete with hose and nozzle 6 50
- Defiance Bucket Pump.** Complete with hose and nozzle 6 00
- Myers' Bucket Pump.** For general use. Has a very powerful, brass chamber..... 6 00
- Rubber Sprinklers.** Large, straight or angular neck.. 1 25
- " " Small, straight " " " 90
- Spray Syringe Atomizer.** Tin, small, 40 cts.; large Brass, small, \$1.00; large..... 1 25
- Brass, automatic compressed air \$1.75 and 2 50
- Iron Extension Rods.** For tree spraying; 4 ft. lengths 75
- Bamboo Extension Rods.** Brass-lined, 8 feet..... 4 00
- " " " 10 " 4 50
- Woodason's Spray Bellows.** Small, \$2.50; large.. 3 50

SPRAY NOZZLES

- Bordeaux, \$1.20; Vermorel, 90 cts.; Double Vermorel, \$2.25; Triple Vermorel, \$3.00; Mistry, \$1.75; Mistry, Jr. 1 00
- Demorel, 75 cts.; Winkle Mist, \$1.00; Far Near..... 1 50

DRY POWDER DISTRIBUTORS

- Tin Dusters.** For spreading dry powders..... 75
- Leggett's "Champion" Insecticide Duster.** A powerful machine for orchard and field use..... 14 00
- Hand Powder Gun.** Holds 4 ozs., 40 cts.; postpaid.. 50
- Woodason's Double Cone Bellows**..... 5 50
- " Large single cone, \$3.50; small single cone 3 00
- " Sulphur Bellows 3 50
- Peerless Sulphur Machine Blower**..... 7 00
- Farmer's Acme Bellows**..... 2 00
- Brass Syringes.** Full list of sizes, see page 249.



Planet Jr. Farm and Garden Implements



Have a great variety of attachments which adapt the implements to all kinds of work, and there is scarcely any garden that has not adopted the Planet Jr. Tools. You can do more and better hoeing and cultivating, and plants thrive better when well cultivated.

No. 3 Hill Dropping and Drill Seeder only. Capacity 3 qts. \$17 75

No. 4 Combined Hill and Drill Seeder and Single Wheel

Hoe...... 18 75

No. 4 D Hill and Drill Seeder only..... 14 75

No. 5 Hill and Drill Seeder. Capacity, 5 qts. Has 16½ inch drive wheel..... 20 25

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete..... 22 25

No. 31 Combined Drill Seeder and Single Wheel Hoe..... 12 25

No. 31 D. As a Drill Seeder only..... 9 75

No. 16 Single Wheel Hoe, has 1 Plow, 2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter..... 9 75

No. 17 Single Wheel Hoe, has 1 Plow, 2 Hoes and 3 Cultivator Teeth..... 8 25

No. 17½ Single Wheel Hoe, has 2 Hoes and 3 Cultivator Teeth.... 7 10

No. 19 Single Wheel Hoe. As illustrated..... 5 75

No. 11 Double Wheel Hoe, has 2 Plows, 4 Hoes, 4 Cultivator Teeth, 2 Leaf Lifters and 4 Rakes..... 15 25

No. 12 Double Wheel Hoe, has 2 Plows, 2 Hoes, 4 Cultivator Teeth, and Leaf Lifters.. 11 75

No. 13 Double Wheel Hoe, has two 6-inch Hoes only..... 8 50

No. 90-12 Tooth Harrow, as illustrated..... 18 75

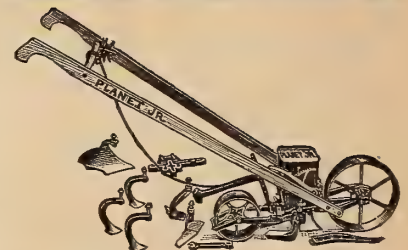
No. 90 B 12 Tooth Harrow, without Pulverizer (cast wheel).... 15 50

No. 8 Horse Hoe and Cultivator, with depth regulator and expander..... 18 75

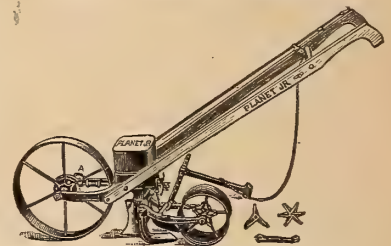
No. 9 Horse Hoe and Cultivator, plain, with wheel only (cast wheel)..... 16 00

Fire-Fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid tool for the kitchen garden..... 3 75

Star Pulverizer..... 6 00



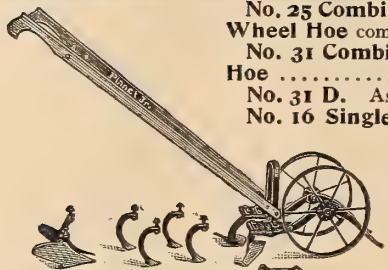
No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER AND SINGLE WHEEL HOE



No. 3 PLANET JR. HILL AND DRILL SEEDER



No. 16 PLANET JR. SINGLE WHEEL HOE



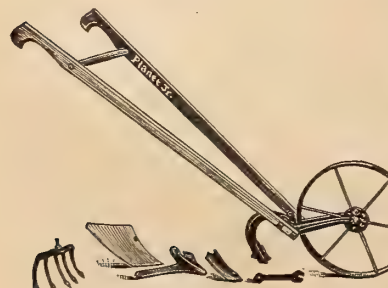
No. 12 PLANET JR. DOUBLE WHEEL HOE



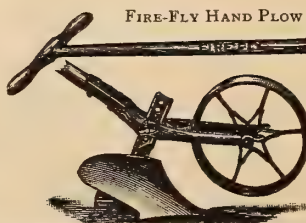
No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE



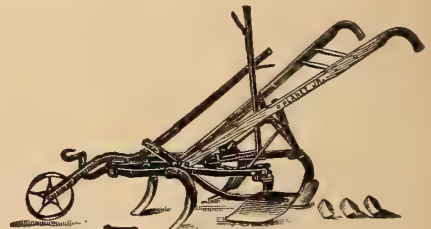
No. 31 PLANET JR. COMBINED DRILL SEEDER AND SINGLE WHEEL HOE



No. 19 PLANET JR. SINGLE WHEEL HOE



FIRE-FLY HAND PLOW



No. 8 COMBINED HORSE HOE AND CULTIVATOR

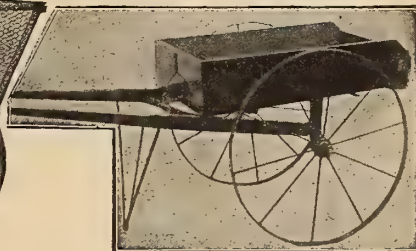


No. 90-12 TOOTH HARROW, CULTIVATOR AND PULVERIZER

The New Planet Jr. Catalogue

Mailed Free on Application

Prices on Tools and Sundries subject to change without notice



TRUCK AND HAND CART

This is one of the indispensable adjuncts to a well ordered country or suburban garden. Its uses are innumerable. The trucks are equipped with steel wheels, and can be had with 1½, 2½ or 3½-inch tires, are strong and durable, no castings to break, and with ordinary care will last for many years. The truck is 39½ inches wide, outside measurement, and can be used either with the Water Barrel, Leaf Rack or Hand Cart. All being made to attach or detach in an instant, they can be taken apart in a few moments and stored in very little space.

Truck and Hand Cart.

Truck and Water Barrels.		Truck and Leaf Rack.		Truck and Hand Cart.	
With 1½ in. tires (steel wheels)...	\$21 00	With 1½ in. tires (steel wheels)...	\$28 00	With 1½ in. tires (steel wheels)...	\$21 00
“ 2½ in. “ “ “ ...	22 00	“ 2½ in. “ “ “ ...	29 00	“ 2½ in. “ “ “ ...	22 00
“ 3½ in. “ “ “ ...	23 00	“ 3½ in. “ “ “ ...	30 00	“ 3½ in. “ “ “ ...	23 00
Extra barrels with trunnions, \$6.50; extra trunnions, 1.25 cts. a pair. Leaf Rack only, \$13.00; Hand Cart Box only, \$6.50.					



KEYSTONE LEAF RACK ATTACHMENT

Dreer's Special Wheelbarrow.....	\$7.00
No. 4, Garden, 1 $\frac{1}{2}$ in. Tire.....	6 00
" 5, " 1 $\frac{1}{2}$ "	6 50
" 4, " 3 "	6 50
" 5, " 3 "	7 00
Special Narrow for Greenhouse.....	9 00
Boys.....\$5 00 | Canal Bolted)....	4 00

This can be attached to any size wheelbarrow having removable sides. It is most convenient for gathering leaves, cut grass and rubbish. One of these should be in use on every small as well as large place. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use.

Price..... \$7.00

(Write for descriptive circular.)

Is the easiest running Roller, having roller bearings and adjustable counterpoise, which can be supplied with either the one or two sectional Roller. The special feature of the Anyweight Roller is that you can adjust the weight from 75 to 1000 lbs. with either water or sand. The drums are made of high carbonized steel and guaranteed to give satisfaction.

No	Drums	Diam.	Width	Empty	Filled with Water	Filled with Sand	Without Counterpoise
1420	1	14 inches	20 inches	46 lbs.	148 lbs.	227 lbs.	\$11 00
1424	1	14 "	23 "	49 "	171 "	260 "	11 85
1824	1	18 "	23 "	76 "	274 "	425 "	14 30
1827	1	18 "	27 "	80 "	320 "	497 "	15 15
1830	1	18 "	31 "	94 "	369 "	578 "	15 95
8-24	2	18 "	23 "	106 "	294 "	438 "	20 90
8-27	2	18 "	27 "	107 "	334 "	507 "	21 75
8-30	2	18 "	31 "	112 "	376 "	578 "	22 50
2424	1	23 "	23 "	94 "	418 "	665 "	17 60
2427	1	23 "	27 "	103 "	488 "	782 "	18 45
2430	1	23 "	31 "	116 "	565 "	902 "	19 25
4-24	2	23 "	23 "	135 "	443 "	680 "	24 20
4-27	2	23 "	27 "	142 "	513 "	796 "	25 30
4-30	2	23 "	31 "	152 "	583 "	912 "	26 95

Anyweight Adjustable Counterpoise Handle Equipment, \$3.00 extra.

We can Supply The Boss, Lawn, Large Field and Golf Rollers. A Full Descriptive Catalogue of Rollers on Application.

DREER'S IMPROVED KEYSTONE PLANT TUBS.

Made of white cedar, painted green and bound with extra heavy iron hoops. Drop handles. Iron legs. Removable, perforated bottom.

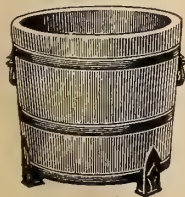
Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust, durable, neat and attractive. A good tub at a moderate price.

PRICES IMPROVED KEYSTONE TUBS.

No.	Outside Diam.	Inside Diam.	Length of Stave.	Each.
0	27 in.	25	24 in.	\$12 50
1	25 "	23 $\frac{1}{2}$	22 "	11 00
2	23 "	21	20 "	10 00
3	21 "	18 $\frac{3}{4}$	18 "	8 50
4	18 "	16 $\frac{1}{2}$	16 "	7 00
5	16 "	14 $\frac{1}{2}$	14 "	6 00
6	14 "	12 $\frac{1}{2}$	12 "	4 75
7	13 "	11 $\frac{1}{2}$	10 "	4 00
8	12 "	10 $\frac{1}{2}$	9 $\frac{1}{2}$	3 50

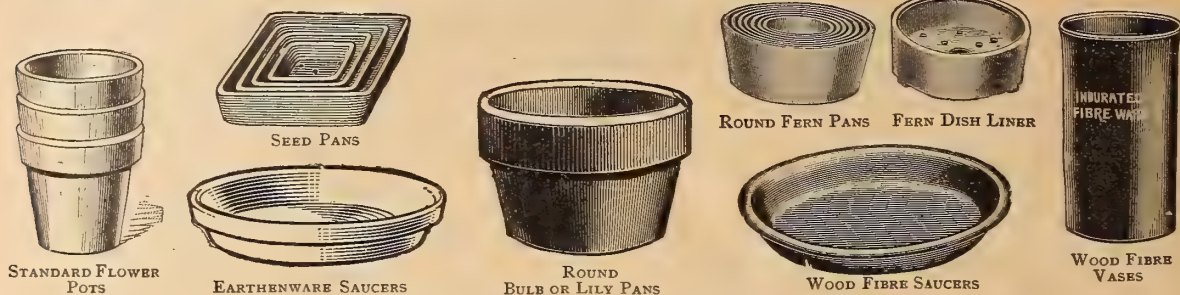
No.	A.	Outside Diam.	Inside Diam.	Length of Stave	Each.
	11	10	12		\$1 70
"	B. 12 $\frac{1}{2}$	11	12		1 95
"	C. 13 $\frac{1}{2}$	12	13		2 20
"	D. 14 $\frac{1}{2}$	13	14		2 50
"	E. 15 $\frac{1}{2}$	14	14		3 00
"	F. 16 $\frac{1}{2}$	15	15		3 50

Three largest sizes are supplied with handles.



IMPROVED KEYSTONE
PLANT AND TREE TUB

Flower Pots, Saucers, Pans, Orchid Baskets and Vases



STANDARD FLOWER POTS.

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.
1 1/2 in.	\$0 02	\$0 12	\$0 90	\$8 25	4 in.	\$0 05	\$0 31	\$2 40	\$22 00	8 in.	\$0 20	\$2 02	\$15 60
2 "	2	12	90	8 25	4 1/2 "	5	42	3 24	29 70	9 "	30	3 12	24 00
2 1/2 "	2	14	1 02	9 35	5 "	6	56	4 32	39 60	10 "	42	4 21	32 40
3 "	2	16	1 20	11 00	5 1/2 "	7	70	5 40	49 50	11 "	60	6 24	48 00
3 1/2 "	2	21	1 56	14 30	6 "	9	84	6 48	59 40	12 "	83	8 58	66 00
3 3/4 "	3	25	1 92	17 60	6 1/2 "	11	1 12	8 64	79 20	14 "	1 35	14 04	108 00
3 1/2 "	4	29	2 16	19 80	7 "	14	1 40	10 80	99 00				

Flower Pot Saucers.

SIZES.	EACH.	DOZEN.	100.
4 in.	2 cts.	\$ 23 cts.	\$ 1 80
5 "	3 "	31 "	2 40
6 "	5 "	47 "	3 60
7 "	6 "	62 "	4 80
8 "	8 "	86 "	6 00
9 "	11 "	1 17 "	9 00
10 "	14 "	1 40 "	10 80
11 "	17 "	1 72 "	13 20
12 "	20 "	2 11 "	16 20
14 "	34 "	3 51 "	27 00

Round Bulb or Lily Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
5 in.	3 in.	\$0 06	\$ 56	\$ 4 32
6 "	3 "	09	84	6 48
7 "	3 1/2 "	14	1 40	10 80
8 "	4 "	20	2 02	15 60
9 "	4 1/2 "	30	3 12	24 00
10 "	5 "	42	4 21	32 40
12 "	6 "	83	8 58	66 00
14 "	7 "	1 35	14 04	108 00
16 "	8 "	3 00	31 20	240 00

Fern Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
4 in.	1 1/8 in.	\$0 05	\$0 47	\$3 60
4 1/2 "	2 1/8 "	06	62	4 80
5 1/2 "	2 1/2 "	08	78	6 00
6 1/2 "	2 3/4 "	09	94	7 20
7 "	2 3/4 "	11	1 09	8 40
8 "	3 1/4 "	15	1 56	12 00
9 "	3 1/2 "	18	1 87	14 40

Fern Dish Liner.

7 in. 1 1/2 in.	\$0 14	doz., \$1 40	100 \$10 80
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Square Seed Pans.

	EACH.	DOZ.
6 x 6 in.	\$0 75	\$7 80
8 x 8 "	1 00	10 45
10 x 10 "	1 26	13 10
12 x 12 "	1 50	15 60

Wood Fibre Vases.

For cut flowers; neat, attractive and waterproof.

No.	DIAM.	DEPTH.	EACH.	DOZEN.
0	8 in.	13 in.	\$1 67	\$19 00
1	5 1/2 "	10 "	1 34	15 20
2	4 1/2 "	9 "	1 17	13 30
3	4 "	6 "	96	10 93
4	3 "	4 1/2 "	75	8 55
00	9 1/2 "	22 "	5 84	66 50
01	7 "	20 "	3 17	36 10
11	5 1/2 "	18 "	1 80	20 52
22	4 1/2 "	15 "	1 42	16 15
33	4 "	12 "	1 17	13 30
44	3 "	9 "	96	10 93

Square Wood Orchid Basket.

Made of white cedar wood.

SIZE.	EACH.	DOZ.
6 x 6 in.	\$0 60	\$6 50
8 x 8 "	75	8 25
10 x 10 "	90	10 00
12 x 12 "	1 00	11 00

Wood Fibre Saucers.

	EACH.	DOZ.	EACH.	DOZ.
5 " 33 "	3 76	10 in., 46 cts.	\$5 24	
6 " 35 "	3 93	12 " 55 "	6 27	
7 " 37 "	4 22	14 " 70 "	7 98	
8 " 39 "	4 45	16 " 1 26 "	14 36	
9 " 43 "	4 90	18 " 1 48 "	16 87	

Wood Fibre Rolling Stands for Heavy Plants.

Takes tub diameter at bottom.

	EACH.	DOZEN.
12 in., for a 10 in.	\$1 00	\$11 40
14 " " 11 "	1 25	14 25
16 " " 13 "	1 67	19 00
18 " " 15 "	2 00	22 80
20 " " 17 "	2 50	28 50
22 " " 20 "	3 00	34 20

Neponset Waterproof Paper Flower Pots

	DOZ.	PER 100	PER 1000		DOZ.	PER 100	PER 1000
2 1/2 inch pots	\$0 08	\$0 45	\$3 50	4 inch pots	\$0 25	\$1 25	\$9 00
2 1/2 " " "	10	50	4 00	5 " " "	35	1 80	14 90
3 " " "	15	75	5 25	6 " " "	50	2 50	20 00
3 1/2 " " "	20	1 10	7 40				

Send for Circular and Sample



WOOD FIBRE ROLLING STANDS



HOW TO ATTRACT and PROTECT BIRDS

SEND FOR

DREER'S

Booklet on Bird Houses

Prices on Tools and Sundries subject to change without notice

INSECTICIDES AND FUNGICIDES

*Marked * can be sent by Parcel Post at purchaser's expense. Consult your local Post Office for rate from Philadelphia*

***Ant Exterminator.** A powder for destroying ants in house, lawn or garden. $\frac{1}{2}$ lb., 25 cts.; $\frac{3}{4}$ lb., 50 cts.; 1 lb., \$1.00.

Antipest. (Carman's.) A liquid preparation for all insects. 1 qt., 60 cts.; $\frac{1}{2}$ gal., \$1.00; 1 gal., \$1.75.

Aphine. The insecticide that kills plant lice of every description; thrip and red spider; a strong nicotine extract; dilute one part to 40 parts of water. 1 qt., \$1.00; 1 gal., \$2.50.

***Aphis Punk.** A nicotine paper for fumigating greenhouses. Box, 60 cts.; case of 12 boxes, \$6.50.

Arsenate of Lead. (Paste.) The best of all arsenical insecticides; for leaf-eating insects; does not burn the foliage. Dilute 1 oz. to 1 gal. of water. Lb., 45 cts.; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00. Special price on large quantities.

Arsenate of Lead. (Powdered.) Contains at least 33 per cent. arsenic. Superior to paste arsenate, stands suspension longer and has more covering capacity. 1 lb., 65 cts.; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$12.00; 50 lbs., \$23.00; 100 lbs., \$45.00.

Arsenate of Zinc. (Paste.) A quick-acting adhesive insecticide for Rose Bugs and Beetles on potatoes and other truck crops. 1 lb., 45 cts.; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

Black Leaf 40. A concentrated nicotine solution for spraying. 1 oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.; 2 lbs., \$2.50; 10 lbs., \$10.75.

Bordeaux Mixture. (Paste.) The supreme remedy against Fungus, Rust and Rot. Five ounces to 1 gal. of water is standard strength. 1 lb., 35 cts.; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.00; 50 lbs., \$9.00; 100 lbs., \$17.00.

Bordeaux—Arsenate of Lead Mixture. (Paste.) A combined fungicide and insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers, also splendid for Roses, keeping them free of mildew, black spots and insects. Three ozs. to 1 gal. of water. 1 lb., 40 cts.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$12.00; 100 lbs., \$22.00.

Bordeaux Mixture. (Liquid.) For all fungous diseases. By adding water it is ready for use. 1 qt., 60 cts.; 1 gal., \$1.50; 5 gals., \$6.50. One gallon will make 1 barrel liquid.

Bordeaux Mixture. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1 lb. box, 45 cts.; makes 5 gallons spray; 5 lbs., \$1.75.

***Bug Death.** Used instead of Paris Green for eating insects on Potatoes, Cucumbers, Squash and Currants. 1 lb., 25 cts.; 3 lbs., 50 cts.; 5 lbs., 75 cts.; 12 $\frac{1}{2}$ lbs., \$1.50.

Cattle Comfort. Used as a spray; will relieve cattle, mules, horses and dogs from the effects of flies, gnats and mosquitoes. Qt. can, 75 cts.; gal. can., \$2.00; 5-gal. can., \$9.00.

Copper Sulphate. (Liquid.) For Fungus, Mildew, Leaf Blight, Rust and Black Rot. 1 qt., \$1.25; 1 gal., \$3.00.

***Fir Tree Oil Soap.** For destroying mealy bugs, scale, aphids, red spider. $\frac{1}{2}$ lb., 50 cts.

Fungine. A remedy for fungus diseases of all kinds. 1 qt., \$1.00; 1 gal., \$3.50.

***Grape Dust.** A powdered preparation for mold, mildew or rust mites. 5-lbs., 75 cts.; 10 lbs., \$1.40; 25 lbs. \$3.25; 100 lbs., \$12.50.

***Good's Caustic Potash Fish Oil Soap.** Recommended as a summer and winter wash for scale and all insects. 1 lb., 30 cts.; 5 lbs., \$1.25; 25 lbs., \$4.75; 100 lbs., \$14.00.

Hellebore. For currant worms and sucking insects. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., \$3.00.

***Insect Powder.** (Pure Dalmatian.) For roaches, ants, moths, fleas, etc. $\frac{1}{2}$ lb., 30 cts.; $\frac{3}{4}$ lb., 50 cts.; 1 lb., 90 cts.

***Kerosene Emulsion.** (Paste.) Used as a summer wash against scale, plant lice and aphids. Dilute with water. Pound makes 10 gallons of spray, 30 cts.; 5 lbs., \$1.25; 25 lbs., \$5.00.

Kerosene Emulsion. Concentrated. (Liquid.) For plant lice and aphids. Qt., 60 cts.; 1 gal., \$1.50; 5 gals., \$6.00.

Kil-Worm. Destroys worms, ants and grubs infesting lawns; does not injure grass. One gallon makes 50 gallons of liquid. 1 qt., \$1.50; $\frac{1}{2}$ gal., \$2.50; 1 gal., \$4.00.

Lemon Oil Co.'s Insecticide. For all insects and soft scale. One of the best known insecticides, having a pleasant odor; highly recommended for house plants. $\frac{1}{2}$ pint, 30 cts.; pt., 50 cts.; qt., 90 cts.; $\frac{1}{2}$ gal., \$1.50; gal., \$2.50; 5 gal. keg, \$10.50.

Lime Sulphur Solution. A perfect scale and fungus destroyer, special for plum and peach trees, which need fall and spring treatment. Cures peach leaf curl. 1 qt., 60 cts.; $\frac{1}{2}$ gal., 90 cts.; 1 gal., \$1.25; 5 gals., \$4.75; 10 gals., \$7.00; $\frac{1}{2}$ bbl., \$11.00; bbl. of 50 gals., \$16.50. Special price on large quantities.

Lime Sulphur. (Dry.) This combination is a most effective remedy for scale or fungus troubles, used in fall and winter; dilute with water. 1 lb., 25 cts.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75; 50 lbs., \$6.00; 100 lbs., \$10.00.

***Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method for fumigation ever devised. Tin box of 24 sheets, 85 cts.; box of 144 sheets, \$4.00; 288 sheets, \$7.50.

Nico Fume Liquid. An effective vaporizing liquid. $\frac{1}{4}$ lb., 50 cts.; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50.

Nikoteen. An economical and powerful nicotine extract. Effective remedy against aphids and fly insects. Bottle, 40 cts.; $\frac{1}{2}$ lb., 85 cts.; 1 lb., \$1.50; 4 lbs., \$5.00; 8 lbs., \$10.00.

Paris Green. For potato bugs and other leaf-eating insects. Mix with Land Plaster, or use as a spray. $\frac{1}{2}$ lb., 35 cts. each; 1 lb., 65 cts.; 5 lbs., \$3.00.

Pruning Compound. A specially prepared thick paint, with a rubber elastic film. Just the thing to use after pruning your trees. 1 qt., 70 cts.; 1 gal., \$2.00.

Pyrox. A combined insecticide and fungicide for all leaf eating insects. Used largely by potato growers. 1 lb., 40 cts.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lbs., \$22.00.

***Rat Corn.** Sure death to rats and mice; not poisonous to other animals. 25 cts., 50 cts. and \$1.00 size cans.

Readeana Rose Bug Exterminator. Dilute and apply as a spray. Harmless to the most delicate plant. Bottle, 25 cts., 50 cts., \$1.00 and \$2.00; $\frac{1}{2}$ -gal. can., \$2.25; gal., \$4.00.

Scalecide. As a winter spray for scale. 1 gal., \$1.50; 5 gals., \$6.50; 10 gals., \$11.00; $\frac{1}{2}$ bbl., 30 gals., \$27.00; bbl., 50 gals., \$39.50.

Scale Destroyer. A liquid oil emulsion which remains on the trees, softening and killing scale, and keeping the bark in good condition. 1 gal., \$1.50; 5 gals., \$6.50; $\frac{1}{2}$ bbl., 30 gals., \$27.00; 1 bbl., 50 gals., \$39.50.

***Slug Shot.** One of the cheapest and best powders for destroying insects, especially on Cabbage. 1-lb. carton, 20 cts.; 5 lbs., 50 cts.; 25 lbs., \$2.25; 50 lbs., \$4.25; 100 lbs., \$8.00.

Sulphide of Potassium. For mildew. Use $\frac{1}{2}$ ounce to 1 gal. water; 4 oz. bottles, \$1.00.

***Sulphur, Powdered.** For mildew. Lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.50.

***Tobacco Dust.** For fumigating and dusting plants affected with aphids; also used on melons and squash. Coarse or fine. 1 lb., 10 cts.; 5 lbs., 35 cts.; 25 lbs., \$1.50; 100 lbs., \$4.50.

Tobacco Stems. For fumigating; also for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. Small bale, \$1.50; large bale, \$3.25; ton, \$28.00.

***Tobacco Soap.** One of the best insecticides for general use, for washing and spraying plants. Pkg., 25 cts.; 10 lb. can., \$2.50.

***Tree Tanglefoot.** The best remedy against caterpillars and all tree crawling insects. 1 lb., 50 cts.; 3 lbs., \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75; 25 lbs., \$10.50.

Weed Killer. The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters and places where no growth is wanted. One gallon makes 40 gallons of treating liquid. Price, 1 qt., 60 cts.; 1 gal., \$1.75; 5 gals., \$7.00; 30-gal. $\frac{1}{2}$ bbl., \$33.00; 50-gal. bbl., \$47.50.

***Whale or Fish Oil Soap.** Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 25 cts.; 5 lbs., \$1.00. Special prices on large quantities.

Worm Eradicator. For removing worms of any kind in greenhouse and plants, etc. Bottle, 50 cts. and \$1.00.

FERTILIZERS FOR FARM, LAWN, GARDEN AND GREENHOUSE

All Fertilizers delivered free on board Philadelphia. Prices subject to change without notice.

Dreer's "Peerless" Plant Food for House Plants.

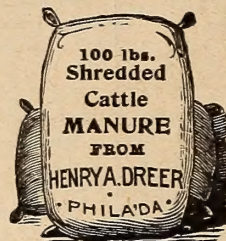
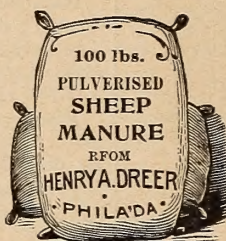
The best Plant Food on the market. May be used either dry or liquid, the latter much the best, being immediately available to the plant, and less danger of giving an overdose. Put up in $\frac{1}{2}$ and 1-lb. packages. Directions with each package. 15 cts. and 25 cts.; by mail, 25 cts. and 40 cts. Registered in Pennsylvania.

Dreer's "Peerless" Plant Food for Lawn and Garden.

A high grade fertilizer. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly on the vegetable garden, where it can be applied any time during the growing season. 5 lbs., 65 cts.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00; 200 lbs., \$10.00.

Blood. (Dried.) One of the quickest acting fertilizers, being immediately soluble. 5 lbs., 75 cts.; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50.**Bone Flour.** Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 40 cts.; 100 lbs., \$4.00; bbl. of 200 lbs., \$7.50; ton, \$65.00.**Pure Bone Meal.** A fertilizer for all purposes, safe and effective. 3 lbs., 25 cts.; 5 lbs., 35 cts.; 10 lbs., 65 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75; 200 lbs., \$7.00; ton, \$63.00.**Cattle or Cow Manure, Shredded.** We are now offering this manure put up in sacks for convenient handling. For garden, lawn and greenhouse, and especially good to mix with compost and for water lilies. 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; per ton, \$50.00.**Corn and Oats Fertilizer.** This contains the necessary ingredients for increasing the yield of corn and oats. Sack of 200 lbs., \$5.00; ton, \$45.00.**General Crop Grower.** (Trucker's Favorite.)

This is a combination brand of fertilizer containing 1 per cent. Ammonia, 8 per cent. Phos. Acid, and 1 per cent. Potash. Sack of 200 lbs., \$5.00; ton, \$45.00.

Land Plaster. For composting or mixing with manure, and used as a filler to be mixed with Paris Green. 100 lbs., \$1.75; 200 lbs., \$3.00; ton, \$25.00.

Hardwood Ashes. Indispensable as a lawn dressing, or to apply to orchards. Should be applied late in fall or early spring at the rate of 1000 to 2000 lbs. per acre. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., 75 cts.; 100 lbs., \$2.00; per bbl., \$3.50; per ton, \$30.00.

Lime. (Powdered.) For lawn and field use where the ground has become sour. We can furnish Hydrated Lime or Pulverized Limestone. 100 lbs., \$1.75; ton, \$23.00.

Nitrate of Soda. A fertilizer for all crops. Quick in action and hastens maturity of crops. Should not be applied until the plants are above ground, when 200 to 500 lbs. mixed with land plaster is sufficient per acre. 5 lbs., 65 cts.; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50.

Phosphate. (High grade acid phosphate.) Sack of 200 lbs., \$3.50; ton, \$33.00.

Potato Manure. A fertilizer for all root crops. 100 lbs., \$3.25; 200 lbs., \$6.00; ton, \$55.00.

Special Vegetable Fertilizer. A general fertilizer for all crops. 100 lbs., \$3.50; 200 lbs., \$6.50; ton, \$60.00.

Poudrette. (Native Guano.) Contains all the elements necessary for plant life; used extensively by market gardeners. An excellent lawn top dressing. Per 100 lbs., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$16.00; per ton, \$30.00.

Salt, Agricultural. For top dressing lawns and killing weeds. Apply early in the spring, 800 to 1000 lbs. per acre. 200 lbs., \$3.00; per ton, \$25.00.

Sheep Manure, Pulverized. (Wizard brand). A pure natural manure, unequalled for mixing with potting soil, for lawns, general vegetable and flower garden, or for making liquid manure where quick as well as lasting results are wanted. 2-lb. package, 20 cts.; 5 lbs., 35 cts.; 10 lbs., 60 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton, \$50.00.

Tobacco Stems. An indispensable lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles. Small bale, \$1.50; large bale, \$3.25; ton, \$28.00.

Grain and Grass Fertilizer. (Baugh's.) This brand contains all the necessary elements for the growth of all grain and grass. Sack of 200 lbs., \$4.50; ton, \$40.00.

Mulford Cultures for Inoculating Legumes

FOR LEGUMES

The use of some form of inoculating material on seed of leguminous plants is rapidly becoming general among progressive and practical planters. The profitable and beneficial effects of this practice have been thoroughly demonstrated.

The legumes are the pod-bearing plants, of which beans, peas, alfalfa, clover, vetch, etc., are the better known. They are the only plants, as a class, that can assimilate the nitrogen of the air as a part of their food (which action is entirely due to the association of nitrogen-fixing bacteria), thereby stimulating their own growth and greatly enriching the soil in the valuable element of nitrogen, when they decay. For these reasons, the legumes have recently come into great agricultural prominence.

The legumes differ from other plants, chiefly in that when grown under suitable soil conditions, have on their roots a number of tubercles or nodules, which are caused by the activities of the nitrogen-fixing bacteria. The bacteria in these nodules have the peculiar property of fixing or assimilating nitrogen from the air and of converting it into nitrate form suitable and available as food for the plants.

Do not expect the use of Mulford Cultures to take the place of careful soil preparation or the proper attention to the crop. Mulford Cultures will give their best results when everything

possible has been done in every other way to make the crop a success. Inoculation is not a miracle worker, but is simply an aid to Nature, furnishing the young plant at the very outset with a supply of the proper nitrogen fixing bacteria.

Mulford Cultures for legumes are very easy to use, no special knowledge being required. It is only necessary to add water to the bottle (which is intentionally only about one-fourth filled), shake well, and then dampen with this mixture the seeds or soil, which will not interfere with planting.

The half-garden size (25c. bottles) are put up in this Size for Sweet Peas, Garden Beans, Garden Peas and Lima Beans only. The larger size bottles can be furnished for use on any of the following legumes:

Alfalfa,	Red Clover,	Soy Beans,	Sweet Peas,
Crimson Clover,	Alsike Clover,	Canada Field	Garden Peas,
Sweet Clover,	Burr Clover,	Peas,	
White Clover,	Cow Peas,	Peanuts,	Garden Beans,
Velvet Beans,	Lupins,	Vetch,	Lima Beans.

It is necessary to get the proper kind of Culture for the particular kind of seed to be treated. For example, the Culture for Sweet Peas would be useless for anything else.

Price. Half-garden size, enough for $\frac{1}{2}$ Acre, \$0.25. | One Acre Size, \$1.50. } Booklet giving full information mailed free on application.
Garden Size, " " $\frac{1}{4}$ " .50. | Five " " 5.00. }

BOOKS on Horticultural and Kindred Subjects

ALL BOOKS SENT POSTPAID AT PRICES GIVEN



A Woman's Hardy Garden (Mrs. Ely). One of the most popular and helpful books for the amateur, beautifully illustrated. \$1 75

Amateur's Practical Garden Book. Contains the simplest directions for the growing of the commonest things about the house and garden. 1 00

Asparagus. Its culture for home use and for market. 60

Berry Book (Biggle's). All small fruits are treated in this complete little book. 50

Bulbs, Hints on the Growing of (Dreer). Tells how to grow both spring and summer flowering bulbs. 25

Cabbage, Cauliflower and Allied Vegetables (Allen). Tells all about them, from seedtime to harvest. 60

Carnation Culture (Dick). Practical guide to modern methods of growing Carnations. 1 50

Chrysanthemum Manual (Revised Edition). A complete guide to the culture of this popular flower. 50

Celery Culture. Complete in every detail, from sowing the seed for a few plants to handling carload lots. 60

Continuous Bloom in America (Shelton). Solves the problem of how to keep a garden in flower from early spring to late autumn. 2 50

Farm and Garden Rule Book. A manual of useful ready rules and reference. 2 00

Fertilizers (Voorhees). The source, character and composition of natural, home-made and manufactured fertilizers and how to use them. 1 50

Flower Garden, The Practical (Mrs. Ely). The author's latest and best book, finely illustrated, including colored plates. 2 00

Flowers, How to Grow Them (Rexford). A splendid book for beginners. 50

Fruit Growing, Principles of (Bailey). Revised, new edition, presenting the most approved methods of American growers. 1 75

Garden-making (Bailey). Suggestions for the utilizing of home grounds. 1 60

Garden Planning (W. S. Rogers). Especially designed to help the maker of small gardens who wants to start properly. \$1 25

Garden Guide (Amateur Gardeners' Handbook). Tells how to plan, plant and maintain the home grounds, how to grow vegetables, fruits, flowers, etc. 75

Greenhouse Management (Taft). The latest book on this important branch of horticulture. 1 50

Greenhouse Construction (Taft). Complete treatise on the subject. 1 50

Handbook of Plants (Henderson). A dictionary of plants with valuable cultural hints for important sorts. 3 00

Home Floriculture (Rexford). A practical guide on flowering and ornamental plants for the amateur. 1 00

How to Plan the Home Grounds (Parsons). Instructions for beautifying the home grounds, large or small. 1 00

Milady's House Plants (Palmer). Tells of the plants which any woman can successfully grow indoors; 100 instructive pictures. 1 00

Mushroom Growing (Duggar). The latest work on this subject, the information contained in this book is reliable and up to date. 1 50

Onion Culture (Grenier). Gives the latest ideas of growing this crop. 60

Orchard Book (Biggle's). A concise work. Gives all necessary details for culture of apples, pears, etc. 50

Plant Culture (Oliver). A new and enlarged edition of this splendid handbook of everyday practice for the florist and gardener. 1 65

Potato Culture (Fraser). The most reliable and authoritative book on the potato published. 75

Poultry Book (Biggle's). Most concise work on the subject. 50

Practical Landscape Gardening (Cridland). Of particular value to the owner of the moderate sized suburban home. Nicely illustrated. 1 90

Roses and How to Grow Them (By many experts). Deals directly with American practice both outdoors and under glass. 1 25

Seasons in a Flower Garden (Shelton). The record of an enthusiastic amateur; full of valuable information and instruction. 1 25

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